Fall 2013 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

ST0003 Sutter Maintenance Yard East Levee	Overall LMA Rating	Total LMA Miles						
Sacramento River	A	27.17						
			nce Deficiancy		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	IVI IVIIICS	O ivilies	IVI 1 40 IVIIIes	Tillesiloid /0	IVI IVIIICS	O ivilies	IVI IVIIICS	O Miles
Vegetation	0.04		0.04	0.15%	0.01			
Trim / Thin Trees	0.01		0.01	0.04%				
Encroachments	0.25		0.25	0.92%	0.51	0.28		
Animal Control	0.01		0.01	0.04%				
Slope Stability	0.02		0.02	0.07%				
Erosion / Bank Caving	0.20		0.20	0.74%				
Supplemental	I							
USACE Erosion Survey	0.07		0.07	0.26%				
DWR UCIP Field Study					0.42	0.58		
LMA Totals:	0.60	0.00	0.60	2.21%	0.94	0.86	0.00	0.00
Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
ST0003	Α	20.39						
		Maintena	nce Deficiancy	Enforc	ement	Design & System Obsolescence		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee	1						1	
Vegetation	0.01		0.01	0.05%	0.01			
Trim / Thin Trees	0.01		0.01	0.05%				
Encroachments	0.25		0.25	1.23%	0.51	0.28		
Slope Stability	0.01		0.01	0.05%				
Erosion / Bank Caving	0.20		0.20	0.98%				
Supplemental			ı			T		
USACE Erosion Survey	0.07		0.07	0.34%				
DWR UCIP Field Study					0.42	0.58		
Unit Totals:	0.55	0.00	0.55	2.70%	0.94	0.86	0.00	0.00
Unit No. 02 Colusa Bypass RB	Overall Unit Rating	Total Unit Miles						
ST0003	Α	2.20						
		Maintena	nce Deficiancy		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee	1							
Vegetation	0.01		0.01	0.46%				
Unit Totals:	0.01	0.00	0.01	0.46%	0.00	0.00	0.00	0.00
Unit No. 03 Colusa Bypass LB	Overall Unit Rating	Total Unit Miles						
ST0003	A	2.28						
			nce Deficiancy		Enforce	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		200				2		
Vegetation	0.01		0.01	0.44%				
Unit Totals:	0.01	0.00	0.01	0.44%	0.00	0.00	0.00	0.00
		1	1	1				

Fall 2013 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 04 Moulton Bypass RB	Overall Unit Rating	Total Unit Miles						
ST0003	A	0.30						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design 8 Obsole	
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	3.33%				
Unit Totals:	0.01	0.00	0.01	3.33%	0.00	0.00	0.00	0.00
Unit No. 05 Moulton Bypass LB	Overall Unit Rating	Total Unit Miles						
ST0003	Α	2.00						
Rated Item		Maintena	nce Deficiancy		Enforc	ement	Design & Obsole	
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Animal Control	0.01		0.01	0.50%				
Slope Stability	0.01		0.01	0.50%				
Unit Totals:	0.02	0.00	0.02	1.00%	0.00	0.00	0.00	0.00

LMA District Cover Sheet

Fall 2013 Levee Inspection Results

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	
	** Non-receipt of Su	ımmer or Winter Inspe	ection Reports may effec	ct overall annual rating.
* SPRING INSPECTIONS: Overall maintenance deficiencies are rated		nined for the spring in		ual maintenance
FALL INSPECTIONS: The overall maintena within the attached un			ion and maintenance de ended to be an indiction o	
Comments				

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles
Unit No. 01 Sacramento River	Left	20.39

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	03/19/2013 - 03/19/2013		11/19/2013 - 11/19/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Bryan Reniff Sutter Maintenance Yard		Bryan Reniff Sutter Maintenance Yard	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

LMR 1	Levee	Mile	Category	Item	Location	Rating	Action/Comment	GPS Latitud	e/Longitude	Issue No.
No.	Start	End	31,		ion	+ @		Start	End	Photo
1			Earthen Levee	Operations & Maintenance Manuals	LS	A Ma		o O DWR ID: DWR_ST	o o 00003 01 s 2013	0.
2			Carthan.	F		^				
2			Earthen Levee	Emergency Supplies & Equipment	LS	Ma		OWR ID: DWR_ST	o	02
_										
3			Earthen Levee	Flood Preparedness & Training	LS	A Ma		o o DWR ID: DWR_ST	0003 01 s 2013	
					1110		D			
	0.08	0.14	Earthen Levee	Encroachments	WS	En	BU : Building	39.194978 ° -121.937502 ° - DWR ID: DWR_ST	121.938563 °	Υ
5	1.11	1.11	Earthen Levee	Encroachments	LS	U En	PI : Pipe Inspector Comments: The pipe has rusted apart at the toe of the levee.	39.194105 ° 121.953558 °		
								DWR ID: DWR_ST	0003_01_s _ 2013_	_34
6	1.11	1.11	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:9020 EP_NO: 9527 Repair Type: Urgent Crossing Status: Found UCIP Comments: Abandoned and plugged/capped steel pipe on WS berm.DWR leaky pipe marker on LS (12- 3)Slope failure on LS. Needs capping of LS steel pipe after detailed investigation. FIELD_STRUCT_DESC: 18-inch steel pipe through the levee 12.5 feet below the crown. Gate valve on the waterward side. Vertical pump on the bank. (ABO No. 9527 - Butte Creek Farms) O&M manual 136, revision May 2011 FS Date: 12/13/2012	39.194106 ° -121.953512 ° -	121.953512°	
7	1.11	1.11	Supplemental	DWR UCIP Field Study	LS	U	Inspector Comments: FS_ID:9328 EP_NO: 9527 Repair Type: Urgent Crossing Status: Found UCIP Comments: Abandoned and plugged/capped steel pipe on WS berm. DWR leaky pipe marker on LS (12-3). Slope failure on LS. Needs capping of LS steel pipe after detailed investigation. FIELD_STRUCT_DESC: 18-inch steel pipe through the levee 12.5 feet below the crown. Gate valve on the waterward side. Vertical pump on the bank. (ABO No. 9527 - Butte Creek Farms). O&M manual 136, revision May 2011 FS Date: 12/13/2012	39.194106 ° -121.953512 ° -		

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Mainter

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

	Wa	aterway		Unit Miles	Inspection Start/End Inspecto		
	Unit No. 01 S	Sacrame	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey
Levee Mile Category	Item	Rating ** + Location *	Action/Comment			GPS Latitude/L	ongitude Issue No.
Start End Category	цеп	tion	Action/Comment			Start	End Photo
8 1.11 1.11 Supplement	al DWR UCIP Field Study	LS U En	Inspector Comments: FS_ID:9331 EP_NO: 9527 Repair Type: Urgent Crossing Status: Found UCIP Comments: Abandoned and plugg pipe on WS berm. DWR leaky pipe mar Slope failure on LS. Needs capping of L detailed investigation. FIELD_STRUCT_DESC: 18-inch steel p levee 12.5 feet below the crown. Gate v waterward side. Vertical pump on the ba 9527 - Butte Creek Farms). O&M manu. May 2011 FS Date: 12/13/2012	ker on LS S steel pi oipe throu alve on th ank. (ABC	ed steel (12-3). pe after gh the e	39.194106 ° 3: 121.953512 ° -12	
9 1.11 1.11 Supplement	al DWR UCIP Field Study	LS U En	Inspector Comments: FS_ID:16614 EP_NO: 9527 Repair Type: Urgent Crossing Status: Found UCIP Comments: Abandoned and plugg pipe on WS berm. DWR leaky pipe mar Slope failure on LS. Needs capping of L detailed investigation.7/29/2013 Pipe d to be abandoned. On the WS it appears pipe was sleeved into the 18in. pipe and difference capped and welded. Pump w time of inspection but LS ditch near out slope damage and leaky pipe marker ar FIELD_STRUCT_DESC: 18-inch steel p levee 12.5 feet below the crown. Gate v waterward side. Vertical pump on the ba 9527 - Butte Creek Farms). O&M manu- May 2011 FS Date: 7/30/2013 7:58:45 AM	ker on LSS steel pioes not a sthat a sill then the vas not rulet was we still presipe throughly on the nk. (ABC	ed steel (12-3). pe after ppear maller nning at et. LS sent. gh the le	39.194106° 3 121.953512° -12	9.194106° 39 1.953512° Y
						DWR ID: DWR_ST000	3_01_f _ 2013_39
10 1.11 1.11 Supplement	al DWR UCIP Field Study	LS U En	Inspector Comments: FS_ID:9269 EP_NO: 9527 Repair Type: Urgent Crossing Status: Found UCIP Comments: Abandoned and plugg pipe on WS berm.DWR leaky pipe mark 3)Slope failure on LS. Needs capping of after detailed investigation. FIELD_STRUCT_DESC: 18-inch steel p levee 12.5 feet below the crown. Gate v waterward side. Vertical pump on the ba 9527 - Butte Creek Farms). O&M manu May 2011 FS Date: 12/13/2012	ker on LS LS steel bipe throu alve on thank. (ABC	ed steel (12- pipe gh the ee	39.194106 ° 39.121.953512 ° -12	

Page 3 of 51

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2013

		Wa	terway			Bank	Unit Miles	Inspection Start/End	Inspect	tor
		Unit No. 01 Sa	acram	ner	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey	y
Levee Mile Start End	Category	Item	Location	Rating	Action/Comment			GPS Latitude/	Longitude	No. Photo
11 1.11 1.11	Supplemental	DWR UCIP Field Study	LS U		Inspector Comments: FS_ID:8881 EP_NO: 9527 Repair Type: Urgent Crossing Status: Found UCIP Comments: Abandoned and plugg pipe on WS berm.DWR leaky pipe mark 3)Slope failure on LS. Needs capping of after detailed investigation. FIELD_STRUCT_DESC: 18-inch steel p levee 12.5 feet below the crown. Gate va waterward side. Vertical pump on the ba 9527 - Butte Creek Farms) O&M manual 136, revision May 2011 FS Date: 12/13/2012	ed steel (12- pipe gh the	39.194106 ° 3 121.953512 ° -12	99.194106 ° 11.953512 °	41	
¹² 1.37 1.37	Earthen Levee	Encroachments	LS C		PI : Pipe		-	39.192562 ° 3 121.958002 ° -12 DWR ID: DWR_ST00	9.192562 ° 21.958002 °	13
13 1.85 1.85	Supplemental	DWR UCIP Field Study	LS U		Inspector Comments: FS_ID:8864 EP_NO: 9543 Repair Type: Urgent Crossing Status: Found UCIP Comments: Sloughing LS slope at bank.DWR marking for leaky pipe. FIELD_STRUCT_DESC: 14-inch steel p concrete through the levee 12.5 feet beld Slant pump mounted on pile structure or in 48-inch riser on berm, walkway to pun into concrete distribution box at landward on the landward end. (ABO No. 9543 - HO&M manual 136, revision May 2011 FS Date: 12/13/2012	nipe enca ow the cr n berm. S np. Disch d toe. Fla	sed in own. lide gate arges	39.188164° 3 121.964721°-12	9.188164 ° 11.964721 °	42
14 1.85 1.85	Supplemental	DWR UCIP Field Study	LS U		Inspector Comments: FS_ID:9272 EP_NO: 9543 Repair Type: Urgent Crossing Status: Found UCIP Comments: Sloughing LS slope at DWR marking for leaky pipe. FIELD_STRUCT_DESC: 14-inch steel p concrete through the levee 12.5 feet beld Slant pump mounted on pile structure or in 48-inch riser on berm, walkway to pun into concrete distribution box at landward on the landward end. (ABO No. 9543 - H manual 136, revision May 2011 FS Date: 12/13/2012	oipe enca ow the cr n berm. S np. Disch d toe. Fla	ank. sed in own. lide gate arges p gate	DWR ID: DWR_ST000 39.188164 ° 3 121.964721 ° -12	9.188164 ° 11.964721 °	43

Levee Inspection Report By Mile - Fall 2013

Unit No. 01 Sacramento River Left 20.39 11/19/2013 Bob Duffey 11/		Wa	terway		Bank	Unit Miles	Inspection Start/End	Inspector
Start End Start End Start End Photo		Unit No. 01 Sa	acrame	nto River	Left	20.39		
Field Study En EP, NO. 9843 En EP, NO. 9843 Field Study En EP, NO. 9843 Field Study En EP, Irrigent Type: Urgent Crossing Status: Found UCIP Comments: Sloughing LS slope and river bank DWR marking for leaky pipe FIELD_STRUCT_DESC: 14-Inch steel pipe encased in concrete through the levee 12.5 feet below the crown. Slant pump mounted on pile structure on berm. Slide gate in 48-inch riser on berm, walkway to pump. Discharges into concrete distribution box at landward toe. Flap gate on the landward end. (ABO No. 9543 - Harada). O&M manual 136, revision May 2011 Field Study En EP, NO: 9543 Repair Type: Urgent Crossing Status: Found UCIP Comments: Sloughing LS slope and river bank. DWR marking for leaky pipe. 7/29/2013 Same as last inspection. FIELD_STRUCT_DESC: 14-inch steel pipe encased in concrete distribution box at landward toe. Flap gate on the landward end. (ABO No. 9543 - Harada). O&M manual 136, revision May 2011 FS Date: 7/30/2013 8:07:46 AM DWR 0. DWR. 0	Levee Mile Start End Category	Item	Rating ** + Location *	Action/Comment				No.
16 1.85 1.85 Supplemental DWR UCIP Field Study LS U Inspector Comments: FS_ID:16617 EP_NO: 9543 Repair Type: Urgent Crossing Status: Found UCIP Comments: Sloughing LS slope and river bank. DWR marking for leaky pipe. 71/29/2013 Same as last inspection. FIELD_STRUCT_DESC: 14-inch steel pipe encased in concrete through the levee 12.5 feet below the crown. Slant pump mounted on pile structure on berm. Slide gate in 48-inch riser on berm, walkway to pump. Discharges into concrete distribution box at landward toe. Flap gate on the landward end. (ABO No. 9543 - Harada). O&M manual 136, revision May 2011 FS Date: 7/30/2013 8:07:46 AM DWR ID: DWR_ST0009_01_1_2013_45 LS U Inspector Comments: FS_ID:9413 EP_NO: 9543 Repair Type: Urgent Crossing Status: Found UCIP Comments: Sloughing LS slope and river bank. DWR marking for leaky pipe. FIELD_STRUCT_DESC: 14-inch steel pipe encased in concrete through the levee 12.5 feet below the crown. Slant pump mounted on pile structure on berm. Slide gate in 48-inch riser on berm, walkway to pump. Discharges into concrete through the levee 12.5 feet below the crown. Slant pump mounted on pile structure on berm. Slide gate in 48-inch riser on berm, walkway to pump. Discharges into concrete through the levee 12.5 feet below the crown. Slant pump mounted on pile structure on berm. Slide gate in the landward end. (ABO No. 9543 - Harada). O&M manual 136, revision May 2011 FS Date: 12/13/2012	15 1.85 1.85 Supplementa			EP_NO: 9543 Repair Type: Urgent Crossing Status: Found UCIP Comments: Sloughing LS slope at bank.DWR marking for leaky pipe. FIELD_STRUCT_DESC: 14-inch steel p concrete through the levee 12.5 feet bel Slant pump mounted on pile structure of in 48-inch riser on berm, walkway to pur into concrete distribution box at landwar on the landward end. (ABO No. 9543 - H O&M manual 136, revision May 2011	pipe enca ow the cr n berm. S mp. Disch d toe. Fla	sed in rown. Slide gate narges		
17 1.85 1.85 Supplemental DWR UCIP Field Study En EP_NO: 9543 Repair Type: Urgent Crossing Status: Found UCIP Comments: Sloughing LS slope and river bank. DWR marking for leaky pipe. FIELD_STRUCT_DESC: 14-inch steel pipe encased in concrete through the levee 12.5 feet below the crown. Slant pump mounted on pile structure on berm. Slide gate in 48-inch riser on berm, walkway to pump. Discharges into concrete distribution box at landward toe. Flap gate on the landward end. (ABO No. 9543 - Harada). O&M manual 136, revision May 2011 FS Date: 12/13/2012	16 1.85 1.85 Supplementa			Inspector Comments: FS_ID:16617 EP_NO: 9543 Repair Type: Urgent Crossing Status: Found UCIP Comments: Sloughing LS slope at DWR marking for leaky pipe.7/29/2013 inspection. FIELD_STRUCT_DESC: 14-inch steel p concrete through the levee 12.5 feet be Slant pump mounted on pile structure of in 48-inch riser on berm, walkway to pur into concrete distribution box at landwar on the landward end. (ABO No. 9543 - I- manual 136, revision May 2011	Same as oipe enca ow the cr n berm. S np. Disch d toe. Fla	eank. s last sed in rown. Slide gate narges ap gate	39.188164 ° 39.121.964721 ° -12	9.188164 ° 45 1.964721 °
DWR ID: DWR_ST0003_01_f _ 2013_46	17 1.85 1.85 Supplementa			EP_NO: 9543 Repair Type: Urgent Crossing Status: Found UCIP Comments: Sloughing LS slope a DWR marking for leaky pipe. FIELD_STRUCT_DESC: 14-inch steel p concrete through the levee 12.5 feet bel Slant pump mounted on pile structure or in 48-inch riser on berm, walkway to pur into concrete distribution box at landwar on the landward end. (ABO No. 9543 - I manual 136, revision May 2011	pipe enca ow the cr n berm. S mp. Disch d toe. Fla	eank. sed in rown. Slide gate narges ap gate	39.188164 ° 39.121.964721 ° -12	9.188164° 46 1.964721° Y

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

				Wa	terwa	ay		Bank	Unit Miles	Inspection Start/End	Inspec	tor
				Unit No. 01 S	acra	me	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffe	
LMR No.	Levee	Mile End	Category	Item	Location	Rating ** +	Action/Comment			GPS Latitude/L	ongitude End	Issue No. Photo
18	1.85		Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:9022 EP_NO: 9543 Repair Type: Urgent Crossing Status: Found UCIP Comments: Sloughing LS slope at bank.DWR marking for leaky pipe. FIELD_STRUCT_DESC: 14-inch steel p concrete through the levee 12.5 feet bel Slant pump mounted on pile structure or in 48-inch riser on berm, walkway to pur into concrete distribution box at landwar on the landward end. (ABO No. 9543 - FO&M manual 136, revision May 2011 FS Date: 12/13/2012	oipe enca ow the cr n berm. S mp. Disch d toe. Fla	sed in own. slide gate arges		9.188164 ° 1.964721 °	47
19	3.03	3.03	Earthen Levee	Animal Control	WS	A Ma	A3 : No rodents visible, but rodent burro backfill and compact or grout burrows.	ws visible			9.193945 ° 1.983368 °	23 Y
20	3.06	3.12	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burro backfill and compact or grout burrows.	ws visible		39.194353 ° 3 .121.983593 ° -12 DWR ID: DWR_ST000		24 Y
21	3.35	3.35	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8844 EP_NO: 9539 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - it seems that the system and eventually abandoned 6-in 18-inch PVC pipes inserted into culvert in plugged)- WS opening is plugged with corpoperly plugged from LS. FIELD_STRUCT_DESC: Abandoned and by 36-inch concrete culvert drain through with 2-inch flashboards on the waterward 9539 - Locvich) 18-inch PVC pipe through invert below crown. O&M manual 136, revision May 2011 FS Date: 12/13/2012	nto irrigati ich GI pip from LS (concrete nd plugge h the leve d end. (A	originally on ee and not Not d 30-inch ee. Gates BO No.	39.198180° 3 .121.985557° -12	9.198180° 1.985557°	48

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacrame	ento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey
Levee Mile Category Item Remaining Remaining	Action/Comment			GPS Latitude/L	ongitude Issue No. End Photo
22 3.35 3.35 Supplemental DWR UCIP LS M Field Study En	Inspector Comments: FS_ID:9224 EP_NO: 9539 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - it seems that the sys designed for drainage, later converted ir system 6-inch GI pipe and 18-inch PV into culvert from LS (not plugged)- WS of plugged with concrete probably pump if from levee as seen from Google Earth NFIELD_STRUCT_DESC: A 30-inch by 3 culvert drain through the levee. Gates w flashboards on the waterward end. 18-in through culvert. 13.6 ft invert below crow 9539 - Locvich). O&M manual 136, revis FS Date: 12/13/2012	nto irrigation of the control of the	originally ion inserted is if 350 ft increte pipe No.	39.198180 ° 39.121.985557 ° -12	
23 3.35 3.35 Supplemental DWR UCIP LS M Field Study En	Inspector Comments: FS_ID:9225 EP_NO: 9539 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - it seems that the systemsigned for drainage, later converted in system 6-inch GI pipe and 18-inch PV into culvert from LS (not plugged)- WS oplugged with concrete probably pump if from levee as seen from Google Earth NFIELD_STRUCT_DESC: A 30-inch by 3 culvert drain through the levee. Gates w flashboards on the waterward end. 18-in through culvert. 13.6 ft invert below crow 9539 - Locvich). O&M manual 136, revising FS Date: 12/13/2012	nto irrigati C pipes i opening is s located Aap. 6-inch co ith 2-inch ich PVC vn. (ABO	originally ion inserted is if 350 ft increte pipe No.		9.198180 ° 50 1.985557 °
24 3.35 3.35 Supplemental DWR UCIP LS M Field Study En	Inspector Comments: FS_ID:9223 EP_NO: 9539 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - it seems that the sys designed for drainage, later converted ir system 6-inch GI pipe and 18-inch PV into culvert from LS (not plugged)- WS o plugged with concrete probably pump i from levee as seen from Google Earth K FIELD_STRUCT_DESC: A 30-inch by 3 culvert drain through the levee. Gates w flashboards on the waterward end. 18-in through culvert. 13.6 ft invert below crow 9539 - Locvich). O&M manual 136, revis FS Date: 12/13/2012	nto irrigati C pipes i opening is s located Aap. 6-inch co ith 2-inch ich PVC vn. (ABO	originally ion inserted is if 350 ft increte pipe No.	39.198180 ° 39. -121.985557 ° -12	9.198180 ° 51 1.985557 °
				DWR ID: DWR_ST000	3_U1_f _ 2013_51

Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

		Waterway							Unit Miles	Inspection Start/End	Inspec	ctor
				Unit No. 01 Sa	acra	me	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffe	
LMR No.	Levee		Category	Item	Location	Rating	Action/Comment			GPS Latitude/		Issue No. Photo
25	3.35	3.35	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16624 EP_NO: 9539 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - it seems that the systems designed for drainage, later converted ir system 6-inch GI pipe and 18-inch PV into culvert from LS (not plugged)- WS oplugged with concrete probably pump if from levee as seen from Google Earth M Same as last inspection. FIELD_STRUCT_DESC: A 30-inch by 3 culvert drain through the levee. Gates w flashboards on the waterward end. 18-in through culvert. 13.6 ft invert below crow 9539 - Locvich). O&M manual 136, revis FS Date: 7/30/2013 8:14:09 AM	nto irrigation of pipes in prening is socated ap.7/29/6-inch could be compared by the country of the pyc in th	originally on nserted s I 350 ft '2013 oncrete bipe No.	Start 39.198180 ° ° ° -12 -121.985557 ° -12		52 Y
26	3.35	3.35	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9042 EP_NO: 9539 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - it seems that the sys designed for drainage, later converted ir system and eventually abandoned 6-in 18-inch PVC pipes inserted into culvert plugged)- WS opening is plugged with operoperly plugged from LS. FIELD_STRUCT_DESC: Abandoned and by 36-inch concrete culvert drain throug with 2-inch flashboards on the waterware 9539 - Locvich) 18-inch PVC pipe throug invert below crown. O&M manual 136, revision May 2011 FS Date: 12/13/2012	nto irrigati ch GI pip from LS (oncrete nd plugge n the leve d end. (A	originally on he and not Not d 30-inch he. Gates BO No.	39.198180 ° (3.121.985557 ° -12	9.198180 ° 11.985557 °	53
27	3.78	3.78	Earthen Levee	Encroachments	LS	C En	PI : Pipe				9.204033 ° 1.982727 °	35

* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

			Wat	erway			Bank	Unit Miles	Inspection Start/End	Inspector
		Unit 1	No. 01 Sa	cram	nei	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey
Levee	End Ca	, , , , , , , , , , , , , , , , , , ,	Item		Rating	Action/Comment			GPS Latitude/L	End Pho
28 3.79	3.79 Sup	oplemental DWR Field S			IJ En	Inspector Comments: FS_ID:8843 EP_NO: 9501 Repair Type: Urgent Crossing Status: Found UCIP Comments: Concrete pit on WS b distribution box on LS silted and erosion box.Slope failure/ transverse cracks on slope.Two depressions on WS berm. FIELD_STRUCT_DESC: 16-inch steel p levee with pump house over concrete pi control valves visible. Discharges into co landward toe. (ABO No. 9501 - Mayfair I According to Permit 9501A, it is an exist pipe located at HLM 4.37. O&M manual 136, revision May 2011. FS Date: 12/13/2012	around t LS levee hipe throu t on berm oncrete be- arms).	crete he gh the i. No ox at the	121.982698° -12	
29 3.79	3.79 Sup	oplemental DWR Field S		LS I		Inspector Comments: FS_ID:16630 EP_NO: 9501 Repair Type: Urgent Crossing Status: Found UCIP Comments: Concrete pit on WS b distribution box on LS silted and erosion box.Slope failure/ transverse cracks on slope.Two depressions on WS berm.7/2 Repairs to LS slope and pipe are in prog has been done yet to the WS depression FIELD_STRUCT_DESC: 16-inch steel p levee with pump house over concrete pi control valves visible. Discharges into co landward toe. (ABO No. 9501 - Mayfair I to Permit 9501A, it is an existing abando at HLM 4.37. O&M manual 136, revision May 2011. FS Date: 7/30/2013 8:19:48 AM	around t LS levee 9/2013 gress. No ns. pipe throu t on berm poncrete be- arms). A	crete he othing gh the i. No ox at the according	DWR ID: DWR_ST000: 39.204141 ° 39.204141 ° 39.204141 ° 39.204141 ° 39.204141 ° 39.204141 ° 39.204141 ° 39.204141 ° 39.204141 ° 39.204141 ° 39.204141 ° 39.204141 ° 39.204141 ° 39.204141 ° 39.20414 °	9.204141° 55 1.982698°
30 3.79	3.79 Sup	oplemental DWR Field \$		LS (Inspector Comments: FS_ID:9276 EP_NO: 9501 Repair Type: Urgent Crossing Status: Found UCIP Comments: Concrete pit on WS b distribution box on LS silted and erosion box.Slope failure/ transverse cracks on slope.Two depressions on WS berm. FIELD_STRUCT_DESC: 16-inch steel p levee with pump house over concrete pi control valves visible. Discharges into co landward toe. (ABO No. 9501 - Mayfair I According to Permit 9501A, it is an exist pipe located at HLM 4.37. O&M manual 136, revision May 2011. FS Date: 12/13/2012	around t LS levee sipe throu t on berm oncrete be Farms).	crete he gh the i. No ox at the	39.204141 ° 39.121.982698 ° -12	

* Location

LS: Land Side

WS: Water Side

CR: Crown

* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Ma Ob

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

	Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit N	o. 01 Sacrame	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey
Levee Mile Catagony It	Rat *** Loca	A ation (Carana ant			GPS Latitude/L	ongitude Issue
Start End Category It	em Rating	Action/Comment			Start	End Photo
31 3.79 3.79 Supplemental DWR U		Inspector Comments: FS_ID:9347 EP_NO: 9501 Repair Type: Urgent Crossing Status: Found UCIP Comments: Concrete pit on WS b distribution box on LS silted and erosion box.Slope failure/ transverse cracks on slope.Two depressions on WS berm. FIELD_STRUCT_DESC: 16-inch steel p levee with pump house over concrete p control valves visible. Discharges into c landward toe. (ABO No. 9501 - Mayfair to Permit 9501A, it is an existing abanda at HLM 4.37. O&M manual 136, revision May 2011. FS Date: 12/13/2012	around t LS levee Dipe throu t on berm oncrete be Farms). A	crete he gh the i. No ox at the according	-121.982698 ° -12	
					DWR ID: DWR_ST000	3_01_f _ 2013_57
32 3.79 3.79 Supplemental DWR L Field S		Inspector Comments: FS_ID:16631 EP_NO: 9501 Repair Type: Urgent Crossing Status: Found UCIP Comments: Concrete pit on WS b distribution box on LS silted and erosion box.Slope failure/ transverse cracks on slope.Two depressions on WS berm.7/2 Repairs to LS slope and pipe are in prog has been done yet to the WS depressio FIELD_STRUCT_DESC: 16-inch steel p levee with pump house over concrete pi control valves visible. Discharges into c landward toe. (ABO No. 9501 - Mayfair to Permit 9501A, it is an existing abando at HLM 4.37. O&M manual 136, revision May 2011. FS Date: 7/30/2013 8:21:17 AM	around t LS levee 29/2013 gress. No ns. bipe throu t on berm bncrete be Farms). A	orete he othing gh the i. No ox at the according	39.204141 ° 39.20414 ° 39	
33 3.79 3.79 Supplemental DWR L Field S		Inspector Comments: FS_ID:9043 EP_NO: 9501 Repair Type: Urgent Crossing Status: Found UCIP Comments: Concrete pit on WS bidistribution box on LS silted and erosion box. Slope failure/ transverse cracks on slope. Two depressions on WS berm. FIELD_STRUCT_DESC: 16-inch steel plevee with pump house over concrete picontrol valves visible. Discharges into colandward toe. (ABO No. 9501 - Mayfair According to Permit 9501A, it is an exist pipe located at HLM 4.37. O&M manual 136, revision May 2011. FS Date: 12/13/2012	around t LS levee bipe throu t on berm oncrete be Farms).	crete he gh the i. No ox at the	39.204141 ° 39.121.982698 ° -12	

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type Ma : Mainter

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2013

W	aterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 S	acrame	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey
Levee Mile Category Item	Rating ** + Location *	Action/Commen	ŀ		GPS Latitude/I	ongitude Issue No.
Start End Category					Start	End Photo
34 3.80 3.80 Supplemental DWR UCIP Field Study	WS U	Inspector Comments: FS_ID:8841 EP_NO: 9501 Repair Type: Urgent Crossing Status: Found UCIP Comments: Concrete pit on WS distribution box on LS silted and erosic box.Slope failure/ transverse cracks o slope.Two depressions on WS berm. FIELD_STRUCT_DESC: 16-inch stee levee with pump house over concrete control valves visible. Discharges into landward toe. (ABO No. 9501 - Mayfai According to Permit 9501A, it is an ex pipe located at HLM 4.37. O&M manual 136, revision May 2011. FS Date: 12/13/2012	on around fin LS levee I pipe throupit on bern concrete br Farms).	crete the agh the 1. No ox at the	39.204136° 3 121.982675° -12	9.204136 ° 60 1.982675 °
					DWR ID: DWR_ST000	3_01_f _ 2013_60
35 4.19 4.19 Earthen Encroachments Levee	WS M En	BU : Building		-	39.208935 ° 3 -121.985310 ° -12 DWR ID: DWR_ST000	
36 4.38 4.38 Supplemental DWR UCIP Field Study	WS U En	Inspector Comments: FS_ID:16635 EP_NO: 9501A Repair Type: Urgent Crossing Status: Found UCIP Comments: Motor and pump on abandoned crossing. Leaky valve on I removed and laying on berm. No elect pump.7/29/2013 Not an abandoned connected to WS pipe end at water lewater to LS and then goes undergrour ditch about 100yds. upstream. Pump disconnected and pulled up to WS toeseason. FIELD_STRUCT_DESC: Abandoned asphalt coated steel pipe through the the crown. Siphon breaker on the land (ABO No. 9501A - Mayfair Packing). FS Date: 7/30/2013 8:32:10 AM	LS slope.Piric connectorossing. Pivel and is pind to an irricand pipes for high with 10-inch dialevee 5 fee	pears an pe tion to the ump is comping gation are ater meter t below	39.210247° 3.121.988238° -12	9.210247 ° 61 1.988238 °
		FS Date: 7/30/2013 8:32:10 AM			DWR ID: DWR_ST000	3_01_f _ 2013_61
37 4.38 4.38 Supplemental DWR UCIP Field Study	WS U En	Inspector Comments: FS_ID:9065 EP_NO: 9501A Repair Type: Urgent Crossing Status: Found UCIP Comments: Motor and pump on abandoned crossing. Leaky valve on I removed and laying on berm.No elect the pump. FIELD_STRUCT_DESC: Abandoned asphalt coated steel pipe through the the crown. Siphon breaker on the land (ABO No. 9501A - Mayfair Packing). FS Date: 12/12/2012	S slope.Piric connect 10-inch dia levee 5 fee	ears an ipe ion to meter t below	39.210247° 3 .121.988238° -12	9.210247 ° 62 1.988238 °
					DWR ID: DWR_ST000	3_01_f _ 2013_62
* Location LS: Land Side WS: Water Side CR: Crown ** Rating A: Acceptable M: Minimally Acceptat U: Unacceptable	ole C:		ance Deficianc System Obsonent			

Levee Inspection Report By Mile - Fall 2013

				Wa	aterway		Bank	Unit Miles	Inspection Start/End	Inspec	tor
				Unit No. 01 S	acrame	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffe	
LMR No.	Levee	Mile End	Category	Item	Rating ** + Location *	Action/Comment			GPS Latitude/L	ongitude End	No. Photo
38	3 4.38	4.38	Supplementa	DWR UCIP Field Study	WS U En	Inspector Comments: FS_ID:8831 EP_NO: 9501A Repair Type: Urgent Crossing Status: Found UCIP Comments: Motor and pump on be found.Appears an abandoned crossing.F and laying on berm.No electric connectic FIELD_STRUCT_DESC: Abandoned 10 asphalt coated steel pipe through the lev the crown. Siphon breaker on the landwa (ABO No. 9501A - Mayfair Packing). FS Date: 12/12/2012	Pipe remon to the inch dia ee 5 fee	oved pump. meter t below	39.210247 ° 39.210,247 ° 39.210,248 ° -12	9.210247 ° 1.988238 °	63
_								_	DWR ID: DWR_ST000	3_01_f _ 2013_0	63
39	9 4.38	4.38	Supplementa	I DWR UCIP Field Study	WS U En	Inspector Comments: FS_ID:16634 EP_NO: 9501A Repair Type: Urgent Crossing Status: Found UCIP Comments: Motor and pump on be abandoned crossing. Leaky valve on LS removed and laying on berm. No electric pump.7/29/2013 Not an abandoned cro connected to WS pipe end at water leve water to LS and then goes underground ditch about 100yds. upstream. Pump ar disconnected and pulled up to WS toe for season. FIELD_STRUCT_DESC: Abandoned 10 asphalt coated steel pipe through the lev the crown. Siphon breaker on the landwa (ABO No. 9501A - Mayfair Packing). FS Date: 7/30/2013 8:27:05 AM	slope.Pi c connect ssing. P I and is p to an irrig of pipes or r high war- inch dia vee 5 fee	ears an pe ion to the ump is umping gation are ater meter t below	39.210247 ° 39.210.988238 ° -12.		Y
40	4.38	4.38	Supplementa	DWR UCIP Field Study	WS U En	Inspector Comments: FS_ID:9277 EP_NO: 9501A Repair Type: Urgent Crossing Status: Found UCIP Comments: Motor and pump on be abandoned crossing. Leaky valve on LS removed and laying on berm. No electric pump. FIELD_STRUCT_DESC: Abandoned 10 asphalt coated steel pipe through the lev the crown. Siphon breaker on the landwa (ABO No. 9501A - Mayfair Packing). FS Date: 12/12/2012	slope.Pi connect inch dia ee 5 fee	ears an pe ion to the meter t below	39.210247 ° 39.210.988238 ° -12		65

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

	Wate	erway		Bank	Unit Miles	Inspection Start/End	Inspector
U	nit No. 01 Sa	crame	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey
Levee Mile Start End Category	Item	Rating ** + Location *	Action/Comment			GPS Latitude/L	ongitude Issue No. End Photo
41 4.38 4.38 Supplemental DI Fi	WR UCIP	WS U En	Inspector Comments: FS_ID:16637 EP_NO: 9501A Repair Type: Urgent Crossing Status: Found UCIP Comments: Motor and pump on be abandoned crossing. Leaky valve on LS removed and laying on berm. No electric pump.7/29/2013 Not an abandoned cro connected to WS pipe end at water leve water to LS and then goes underground ditch about 100yds. upstream. Pump ar disconnected and pulled up to WS toe for season. Leaky valve on LS shoulder do have been fixed. FIELD_STRUCT_DESC: Abandoned 10 asphalt coated steel pipe through the lev the crown. Siphon breaker on the landwo (ABO No. 9501A - Mayfair Packing). FS Date: 7/30/2013 8:41:14 AM	slope.Pipe connect ssing. Pipe I and is post to an irrigate property of the pipes appropriate property of th	ears an pe ion to the ump is umping gation are ater opear to meter t below	39.210247 ° 39.210.988238 ° -12	
42 4.38 4.38 Supplemental DV	WR UCIP	WS U En	Inspector Comments: FS_ID:9351 EP_NO: 9501 Repair Type: Urgent Crossing Status: Found UCIP Comments: Need to be properly a Transverse cracks on levee road.Also fo outlet on LS. It is not clear whether this i the levee. FIELD_STRUCT_DESC: Abandoned 16 through the levee 13.9 feet below the cre and pump in pump house on berm. Flap concrete distribution box on the landwar 9501 - Mayfair Farms). O&M manual 13: 2011. FS Date: 12/12/2012	ound a co passes the i-inch stee own. Gate gate and d end. (A	d. ncrete nrough el pipe e valve d BO No.	39.210257 ° 39.210.988250 ° -12	
43 4.38 4.38 Supplemental DI Fi	WR UCIP Neld Study	WS U En	Inspector Comments: FS_ID:9278 EP_NO: 9501 Repair Type: Urgent Crossing Status: Found UCIP Comments: Need to be properly a Transverse cracks on levee road. Also fo outlet on LS. It is not clear whether this the levee. FIELD_STRUCT_DESC: Abandoned 16 through the levee 13.9 feet below the cre and pump in pump house on berm. Flap concrete distribution box on the landwar 9501 - Mayfair Farms). O&M manual 13 2011. FS Date: 12/12/2012	ound a copasses the sinch stee own. Gate and dend. (A	d. ncrete nrough el pipe e valve d BO No.		9.210257 ° 68 1.988250 °

* Location LS: Land Side WS : Water Side CR : Crown * Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River		Left	20.39	11/19/2013 11/19/2013	Bob Duffey
Levee Mile Category Item Category Ration Rati	Action/Comment			GPS Latitude/I	Longitude Issue No. End Photo
Field Study En EP_NO: 95 Repair Typ Crossing S UCIP Com Transverse outlet on LS the levee.7 FIELD_STF through the and pump i concrete di 9501 - May 2011.		ound a co passes thection. 6-inch sterown. Gato gate and rd end. (A	d. oncrete nrough el pipe e valve d BO No.	39.210257 ° 3 .121.988250 ° -12	9.210257 ° 69 1.988250 °
Field Study En EP_NO: 95 Repair Typ Crossing S UCIP Com FIELD_STF through the and pump i concrete di 9501 - May	e: Urgent atus: Found nents: Need to be properly a RUCT_DESC: Abandoned 10 levee 13.9 feet below the co n pump house on berm. Flap stribution box on the landwa fair Farms). al 136, revision May 2011.	6-inch ste rown. Gat o gate and	d. el pipe e valve d	DWR ID: DWR_ST000 39.210257 ° 3 -121.988250 ° -12	9.210257 ° 70 1.988250 °
Field Study En EP_NO: 95 Repair Typ Crossing S UCIP Com abandoned found a cor passes thre FIELD_STI through the and pump i concrete di		clear when 6-inch ste rown. Gat o gate and rd end. (A	o ther this el pipe e valve d BO No.		9.210257° 71

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

FS Date: 12/12/2012

+ Issue Type
Ma : Mainter

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

			W	aterway		Bank	Unit Miles	Inspection Start/End	Inspec	ctor
			Unit No. 01 S	Left	20.39	11/19/2013 11/19/2013	Bob Duffe			
E Le	evee Mile	Catagony	Itom	Rating ** Locatio	Action/Comment			GPS Latitude	e/Longitude	Issue No.
SI SI								Start	End	Photo
47 4	120 120	Supplementa		MC II	Increator Comments: ES ID:0270			30 210280 0	30 210280 0	72

\mathbb{Z}			Category	Item	* a; * ±	Action/Comment			No.
No.	Start	End	Calegory	item	ating ** + cation	Action/Comment	Start	End	Photo
47	4.39	4.39	Supplementa	al DWR UCIP Field Study	WS U En	Inspector Comments: FS_ID:9279 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Debris and detorated concrete. Gate valve in surge tank. FIELD_STRUCT_DESC: 24 inch pipe, 26 ft invert below crown, Slide Gate ws. O&M manual 136, revision May 2011. FS Date: 12/12/2012	39.210280 ° -121.988284 ° DWR ID: DWR_S	39.210280 ° -121.988284 °	
48	4.39	4.39	Supplementa	DWR UCIP	WS U	Inspector Comments: FS_ID:16638	39.210280°	39.210280 °	73

							DWK ID. DWK_3	310003_01_1 _ 2013_72	
48	4.39	4.39	Supplemental DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:16638 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Debris and detorated concrete. Gate valve in surge tank.7/29/2013 Same as last inspection. FIELD_STRUCT_DESC: 24 inch pipe, 26 ft invert below crown, Slide Gate ws. O&M manual 136, revision May 2011. FS Date: 7/30/2013 8:42:29 AM	39.210280 ° -121.988284 °	00.2.0200	73
49	4.39	4.39	Supplemental DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:8832 EP_NO: N/A	39.210280 ° -121.988284 °	00.210200	74

49	4.39	4.39 Supplemental DWR UCIP			39.210280 ° 3 -121.988284 ° -12
		Field Study	En	EP_NO: N/A	-121.900204 -12
		-		Repair Type: Urgent	
				Crossing Status: Found	
				110100	

UCIP Comments: Debris and detorated concrete.Gate valve in surge tank. FIELD STRUCT DESC: 24 inch pipe, 26 ft invert below crown, Slide Gate ws.

O&M manual 136, revision May 2011. FS Date: 12/12/2012

DWR ID: DWR_ST0003_01_f _ 2013_74

50 4.39 4.39 Supplemental DWR UCIP WS U Inspector Comments: FS_ID:9064 Field Study EP NO: N/A En

Repair Type: Urgent Crossing Status: Found UCIP Comments: Debris and detorated concrete.Gate

valve in surge tank. FIELD_STRUCT_DESC: 24 inch pipe, 26 ft invert below

crown, Slide Gate ws.

O&M manual 136, revision May 2011.

FS Date: 12/12/2012

DWR ID: DWR_ST0003_01_f _ 2013_75

39.210280 ° 39.210280 ° 75

-121.988284 ° -121.988284 °

Location LS: Land Side WS : Water Side CR : Crown Rating M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Fall 2013

Unit No. 01 Sacramento River Leve Mile Start End Category Item Leve Start End Start End Category Item Leve Start End Start End Category Item Leve Start End End Start End End		20.39	11/19/2013 11/19/2013 GPS Latitude/ Start 39.212627 ° 3 -121.990413 ° -12	Longitude	
Field Study WS U Inspector Comments: FS_ID:16639 EP_NO: 10935 Repair Type: Urgent Crossing Status: Found uCIP Comments: Found a siphon breake and pump station on WS. Huge erosion o slope.7/29/2013 Erosion near LS shoulde affecting the roadway if it gets any worse. FIELD_STRUCT_DESC: 24-inch steel pip levee 4.0 feet below the crown. Slant pum waterward berm. A siphon breaker is instate of the pipe and off the levee crown on land 10935 - Mayfair Farms).			Start 39.212627 ° 3	Lorigitude	
Field Study En EP_NO: 10935 Repair Type: Urgent Crossing Status: Found uCIP Comments: Found a siphon breake and pump station on WS. Huge erosion o slope.7/29/2013 Erosion near LS shoulde affecting the roadway if it gets any worse. FIELD_STRUCT_DESC: 24-inch steel pip levee 4.0 feet below the crown. Slant pum waterward berm. A siphon breaker is instate of the pipe and off the levee crown on land 10935 - Mayfair Farms).					Photo
	er may s pe through pon thalled on	start gh the ne the apex			Y
52 4.59 Supplemental DWR UCIP Field Study WS U En En EP_NO: 10935 Repair Type: Urgent Crossing Status: Found UCIP Comments: Found a siphon breake LS.Antenna and pump station on WS.Hug LS. FIELD_STRUCT_DESC: 24-inch steel pip levee 4.0 feet below the crown. Slant pum waterward berm. A siphon breaker is insta of the pipe and off the levee crown on land 10935 - Mayfair Farms). FS Date: 12/12/2012	ge erosion pe through pe on the alled on	on on gh the ne the apex	39.212627 ° 3 -121.990413 ° -12	9.212627° 1.990413°	77
53 4.59 4.59 Supplemental DWR UCIP Field Study WS U Inspector Comments: FS_ID:9066 EP_NO: 10935 Repair Type: Urgent Crossing Status: Found UCIP Comments: Found a siphon breake LS.Antenna and pump station on WS.Hug LS slope. FIELD_STRUCT_DESC: 24-inch steel pip levee 4.0 feet below the crown. Slant pum waterward berm. A siphon breaker is inste of the pipe and off the levee crown on land 10935 - Mayfair Farms). FS Date: 12/12/2012	ge erosion pe through pe on the alled on	on on gh the ne the apex	39.212627 ° 3 -121.990413 ° -12	9.212627°	

Location	
LS : Land Side	
WS : Water Side	
CR · Crown	

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

				Wa	terwa	у		Bank	Unit Miles	Inspection Start/End	Inspector
				Unit No. 01 S	acra	me	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey
LMR No.	Levee	Mile End	Category	Item	Location	Rating	Action/Comment			GPS Latitude/L	Longitude Issue No. End Photo
54	4.59	4.59	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:9280 EP_NO: 10935 Repair Type: Urgent Crossing Status: Found UCIP Comments: Found a siphon break and pump station on WS. Huge erosion FIELD_STRUCT_DESC: 24-inch steel p levee 4.0 feet below the crown. Slant pu waterward berm. A siphon breaker is ins of the pipe and off the levee crown on la 10935 - Mayfair Farms). FS Date: 12/12/2012	on LS slo ipe throu imp on th talled on	Antenna ope. gh the ne the apex	39.212627 ° 3 -121.990413 ° -12	
55	4.66	4.84	Earthen Levee	Encroachments	CR	U En	BU : Building			39.213265 ° 3 -121.991672 ° -12	9.213265 ° 12 1.991672 ° Y
56	4.66	4.66	Earthen Levee	Slope Stability	ws	M Ma	S1 : Repair slope instability.			39.213271 ° 3 -121.991676 ° -12 DWR ID: DWR_ST000	
57	4.81	4.81	Earthen Levee	Encroachments	LS	U En	BU : Building			39.214168 ° 3 -121.993515 ° -12 DWR ID: DWR_ST000	1.993515° Y
58	4.81	4.81	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping			39.214218 ° 3 -121.993682 ° -12 DWR ID: DWR_ST000	
59	4.84	4.84	Earthen Levee	Trim / Thin Trees	WS	M Ma	T1 : Trim trees to at least five feet above	ground		39.214232 ° 3 -121.993805 ° -12 DWR ID: DWR_ST000	
60	4.99	4.99	Supplemental	DWR UCIP Field Study	WS	UEn	Inspector Comments: FS_ID:16644 EP_NO: 2904 Repair Type: Urgent Crossing Status: Found UCIP Comments: Surge box on WS and across the county road on LS. Abandone and electrical panel on WS. A concrete WS.7/29/2013 Portable tow-pump lowe berm to water level and is pupming wate surge box on WS and the filling the irriga Sink hole with standing water that is precoutlet pipe for the WS surge box. This in leaking pipe or cracked concrete. FIELD_STRUCT_DESC: 36-inch corrug through the levee 18.4 feet below the crocorrugate metal pipe riser on waterward and concrete pump pit on the waterward surge box on the waterward serge box on the waterward serge box on the opposite side of the (App. No. 2904 - Arnold). Application water pumping system. O&M manual 136, revised by the control of the control of the control of the pipe side of the control	ed pump poump pit red down er into con ation ditcl sent abov nay indic ated met bown. Slid shoulder bank. C larges into e county is for an o	ion box station on WS nerete n on LS. we the ate a all pipe e gate in , pump oncrete o road. existing	39.214970 ° 3 -121.997177 ° -12	

* Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

				Wa	terway		Bank	Unit Miles	Inspection Start/End	Inspec	tor
				Unit No. 01 S	acrame	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffe	
LMR No.	Levee	Mile End	Category	Item	Rating ** + Location *	Action/Comment			GPS Latitude/L	ongitude End	Issue No. Photo
61	4.99	4.99	Supplemental	DWR UCIP Field Study	WS U En	Inspector Comments: FS_ID:16643 EP_NO: 2904 Repair Type: Urgent Crossing Status: Found UCIP Comments: Surge box on WS and across the county road on LS. Abandon and electrical panel on WS. A concrete WS.7/29/2013 Portable tow-pump lowe berm to water level and is pupming wate surge box on WS and the filling the irrigation was surge box on WS and the filling the irrigation was pupping or cracked concrete. FIELD_STRUCT_DESC: 36-inch corrugate metal pipe riser on waterward and concrete pump pit on the waterward surge box on the waterward berm. Dischirrigation ditch on the opposite side of th (App. No. 2904 - Arnold). Application was pumping system. O&M manual 136, reversible for the properties of the pumping system. O&M manual 136, reversible for the pumping system. O&M manual 136, reversible for the properties of the properties of the pumping system. O&M manual 136, reversible for the pumping system.	ed pump pump pit ured downer into coration ditclesent above and indicesent shoulder bank. Charges into e county as for an estable pump pump pump pump pump pump pump pum	ion box station on IWS nerete h on LS. we the ate a all pipe e gate in y, pump oncrete to road. existing	39.214970 ° 3:121.997177 ° -12		81 Y
62	5.38	5.38	Supplemental	DWR UCIP Field Study	WS UEn	Inspector Comments: FS_ID:16364 EP_NO: 9514 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Water transfer ditch WS7/23/13 8inch pvc running through p slide gate from closing. No positive pipe water season. Stem on WS screw gate FIELD_STRUCT_DESC: 24-inch corrug through the levee, slide gate in corrugat riser. Concrete headwall on waterward b riverbank. Discharges in field at landwar ditch across waterward berm to headwa 9514 - Boggs). Pipe invert 11.0 ft below manual 136, revision May 2011. FS Date: 7/24/2013 6:54:19 AM	pipe prever closure for is bent. lated metal perm, pun rd toe. Irri II. (ABO 1	Priser on enting for high all pipe pipe np on gation	39.217099 ° 3: -122.003778 ° -12:	2.003778°	Y

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

				Wa	iterwa	ay		Bank	Unit Miles	Inspection Start/End	Inspec	tor
				Unit No. 01 S	acra	me	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffe	
LMR No.	Levee	Mile End	Category	Item	Location	Rating	Action/Comment			GPS Latitude/L	ongitude End	Issue No. Photo
63	5.38	5.38	Supplemental	DWR UCIP Field Study	LS	U	Inspector Comments: FS_ID:16363 EP_NO: 9514 Repair Type: Urgent Crossing Status: Found UCIP Comments: - Water transfer ditch WS7/23/13 8inch pvc running through p slide gate from closing. No positive pipe water season. Stem on WS screw gate FIELD_STRUCT_DESC: 24-inch corrug through the levee, slide gate in corrugat riser. Concrete headwall on waterward b riverbank. Discharges in field at landwar ditch across waterward berm to headwa 9514 - Boggs). Pipe invert 11.0 ft below manual 136, revision May 2011. FS Date: 7/24/2013 6:51:20 AM	pipe preve closure for is bent. ated metal ed metal perm, pum d toe. Irriq II. (ABO N	riser on enting or high al pipe oipe up on gation lo.	39.217099 ° 39.122.003778 ° -123		
64	6.02	6.02	Supplemental	DWR UCIP Field Study	LS		Inspector Comments: FS_ID:16366 EP_NO: 9514 Repair Type: Urgent Crossing Status: Found UCIP Comments: 36-inch CMP found in CMP. LS pipe tampered.7/23/2013 8inct through 36inch CMP preventing screw g for high water season. FIELD_STRUCT_DESC: 36-inch corrug drainpipe through the levee 12.0 feet be Slide gate in corrugated metal pipe riser slope. (ABO No. 9514 - Boggs). O&M m revision May 2011. FS Date: 7/24/2013 7:01:08 AM	h PVC pipate from of ated metallow the croon the way	80-inch oe ran closing al own. aterward		9.220701 ° 2.002538 °	84
65	6.02	6.02	Supplemental	DWR UCIP Field Study	LS		Inspector Comments: FS_ID:16365 EP_NO: 9514 Repair Type: Urgent Crossing Status: Found UCIP Comments: 36-inch CMP found in CMP. LS pipe tampered.7/23/2013 8inc through 36inch CMP preventing screw g for high water season. FIELD_STRUCT_DESC: 36-inch corrug drainpipe through the levee 12.0 feet be Slide gate in corrugated metal pipe riser slope. (ABO No. 9514 - Boggs). O&M m revision May 2011. FS Date: 7/24/2013 6:59:03 AM	h PVC pipate from of ated metallow the croon the war	30-inch oe ran closing al own. aterward	39.220701 ° 39.122.002538 ° -127		Y
66	6.33	6.33	Earthen Levee	Encroachments	LS	M Ma	PR : Prunings		-	39.223540 ° 39.121.999028 ° -121.999028 ° -129.000		

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Mainter

Levee Inspection Report By Mile - Fall 2013

				W	aterwa	ay		Bank	Unit Miles	Inspection Start/End	Inspec	ctor
				Unit No. 01 S	Sacra	me	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffe	
LMR	Levee	Mile			Loca	_* Ra				GPS Latitude	/Longitude	Issue No.
-	Start	End	Category	Item	Location *	Rating	Action/Comment			Start	End	Photo
67	6.34	6.34	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:9076 EP_NO: 9530 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe outlet on WS par needs cleaning. FIELD_STRUCT_DESC: 30-inch corrug drainpipe through the levee 15.0 feet bel Slide gate in corrugated metal pipe riser slope. (ABO No. 9530 - Halsey). FS Date: 12/12/2012	ated met	ried, it al rown.	39.223796 ° 121.999014 ° -1	39.223796 ° 21.999014 °	
										DWR ID: DWR_STO	003_01_f _ 2013_	86
68	6.34	6.34	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:16524 EP_NO: 9530 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe outlet on WS par needs cleaning.7/23/2013 Same as last FIELD_STRUCT_DESC: 30-inch corrug drainpipe through the levee 15.0 feet bel Slide gate in corrugated metal pipe riser slope. (ABO No. 9530 - Halsey). FS Date: 7/25/2013 11:56:24 AM	inspection inspection in inspe	ried, it on al own.	39.223796 ° 121.999014 ° -1		87
							1 0 Bate: 1720/2010 11:00:2174W			DWR ID: DWR_STO	003_01_f _ 2013_	.87
69	6.34	6.34	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:9228 EP_NO: 9530 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe outlet on WS par needs cleaning. FIELD_STRUCT_DESC: 30-inch corrug drainpipe through the levee 15.0 feet bel Slide gate in corrugated metal pipe riser slope. (ABO No. 9530 - Halsey). FS Date: 12/12/2012	ated met	ried, it al rown.	121.999014° -1		
										DWR ID: DWR_STO	003_01_f _ 2013_	88
70	6.34	6.34	Supplemental	DWR UCIP Field Study	WS		Inspector Comments: FS_ID:8800 EP_NO: 9530 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe outlet on WS par needs cleaning. FIELD_STRUCT_DESC: 30-inch corrug. drainpipe through the levee 15.0 feet bel Slide gate in corrugated metal pipe riser slope. (ABO No. 9530 - Halsey). FS Date: 12/12/2012	ated meta	ried, it al rown.	39.223796 ° 121.999014 ° -1		
71	6.42	6.42	Earthen	Encroachments	2.1.5	М	MA : Material				39.225013 °	
	0.42	0.72	Levee	Liferodoffinelle	, 13	Ма	w.v. material		-	121.998600 ° -1	21.998585°	Υ

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

				01110110.010	aorann	110 1 1101		11/19/2013	Duffe	у
LMR	Levee	Mile	Catagory	Item	Rating ** + Location	Action/Comment		GPS Latitude	/Longitude	Issue No.
No.	Start	End	Category	пеш	tion	Action/Comment		Start	End	Photo
72	6.80	6.80	Earthen Levee	Erosion / Bank Caving	WS M	E2 : Schedule repair of erosion site prior to the nexinspection.		39.228295 ° -121.998571 ° -1 DWR ID: DWR_ST0		19 Y 19
73	7.72	7.72	Supplemental	DWR UCIP Field Study	WS M En	Inspector Comments: FS_ID:9081 EP_NO: 9532 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Silted concrete box on WS.Depression/erosion around concrete box on V FIELD_STRUCT_DESC: 3-foot by 4-foot concrete culvert drain through the levee 11.6 feet below the Slide gate in concrete box on the waterward slope. No. 9532 - Martin). O&M manual 136, revision May 2011. FS Date: 12/12/2012	VS. box crown.	-121.993398°-1		Y
74	7.72	7.72	Supplemental	DWR UCIP Field Study	WS M En	Inspector Comments: FS_ID:9289 EP_NO: 9532 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Silted concrete box on WS. Depression/erosion around concrete box on WS. FIELD_STRUCT_DESC: 3-foot by 4-foot concrete culvert drain through the levee 11.6 feet below the Slide gate in concrete box on the waterward slope. No. 9532 - Martin). O&M manual 136, revision May FS Date: 12/12/2012	box crown. . (ABO	DWR ID: DWR_STO 39.239458 ° -121.993398 ° -1	39.239458 ° 21.993398 °	91
75	7.72	7.72	Supplemental	DWR UCIP Field Study	WS M En	Inspector Comments: FS_ID:16532 EP_NO: 9532 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Silted concrete box on WS. Depression/erosion around concrete box on WS.7/23/2013 Same as last inspection. FIELD_STRUCT_DESC: 3-foot by 4-foot concrete culvert drain through the levee 11.6 feet below the Slide gate in concrete box on the waterward slope. No. 9532 - Martin). O&M manual 136, revision May FS Date: 7/25/2013 12:06:21 PM	box crown. . (ABO	39.239458 ° -121.993398 ° -1		92

* Location
LS: Land Side
WS: Water Side
CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Mainter

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey	
Levee Mile Start End Category Item Start End Category Item Action/Comment			GPS Latitude/L	- No	
76 7.72 Supplemental DWR UCIP Field Study WS M Inspector Comments: FS_ID:8795 EP_NO: 9532 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Silted concrete box o WS.Depression/erosion around concret FIELD_STRUCT_DESC: 3-foot by 4-foo culvert drain through the levee 11.6 feet Slide gate in concrete box on the water No. 9532 - Martin). O&M manual 136, revision May 2011. FS Date: 12/12/2012	te box on ot concret t below th	WS. e box e crown.		9.239458 ° 9: 1.993398 °	3
77 8.32 Supplemental DWR UCIP Field Study WS M Inspector Comments: FS_ID:8793 EP_NO: 9529 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Looks abandoned.CM WSConcrete distribution box on LS-full FIELD_STRUCT_DESC: 24-inch corrug through the levee, slide gate CMP riser slope. Concrete box at the landward toe ft below crown.(ABO No. 9529 - Dorwood O&M manual 136, revision May 2011. FS Date: 12/12/2012	I with silt. gated met on the wa e. Pipe inv	n al pipe aterward vert 12.8	39.246317 ° 3 -121.998825 ° -12	9.246317° 9. 1.998825°	4
78 8.32 Supplemental DWR UCIP Field Study WS M Inspector Comments: FS_ID:16535 EP_NO: 9529 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Looks abandoned. Cl gate on WS. Concrete distribution box of silt.7/23/2013 Same as last inspection. FIELD_STRUCT_DESC: 24-inch corrug through the levee, slide gate CMP riser slope. Concrete box at the landward toe ft below crown. (ABO No. 9529 - Dorwo manual 136, revision May 2011. FS Date: 7/25/2013 12:09:36 PM	on LS- full gated met on the wa e. Pipe inv	with slide with al pipe aterward vert 12.8		9.246317° 9 1.998825° Y	
79 8.32 Supplemental DWR UCIP Field Study WS M Inspector Comments: FS_ID:9083 EP_NO: 9529 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Looks abandoned.CN gate on WSConcrete distribution box or FIELD_STRUCT_DESC: 24-inch corrug through the levee, slide gate CMP riser slope. Concrete box at the landward toe ft below crown.(ABO No. 9529 - Dorwor O&M manual 136, revision May 2011. FS Date: 12/12/2012	n LS- full valued met on the ware. Pipe inv	vith slide with silt. al pipe aterward vert 12.8		9.246317° 9 1.998825°	6
* Location			557000		
LS: Land Side WS: Water Side CR: Crown U: Unacceptable A: Acceptable M: Minimally Acceptable C: Corrected CD: Corr	System Obso			Page 21 of	

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

				Wa	terwa	ay		Bank	Unit Miles	Inspection Start/End	Inspec	tor
				Unit No. 01 Sa	acra	me	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffe	
LMR No.	Levee	e Mile End	Category	Item	Location	Rating	Action/Comment			GPS Latitude/L	Longitude End	Issue No. Photo
80	8.32	8.32	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9291 EP_NO: 9529 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Looks abandoned. CN gate on WS. Concrete distribution box o FIELD_STRUCT_DESC: 24-inch corrug through the levee, slide gate CMP riser slope. Concrete box at the landward toe ft below crown. (ABO No. 9529 - Dorwor manual 136, revision May 2011. FS Date: 12/12/2012	on LS- full lated meta on the wa . Pipe inve	rith slide with silt. al pipe terward ert 12.8	.121.998825 ° -12		
81	8.76	8.76	Earthen Levee	Encroachments	LS	U En	BU : Building		-	39.252260 ° 3 .121.997721 ° -12 	9.252260 ° 1.997721 °	2 Y
82	9.23	9.23	Earthen Levee	Encroachments	LS	M Ma	PR : Prunings		-		9.257977 ° 2.000322 °	1 Y
83	10.27	10.27	Earthen Levee	Encroachments	LS	M En	BU : Building		-	39.270431 ° 3 121.999782 ° -12 DWR ID: DWR_ST000	1.999782°	4
84	10.36	10.36	Earthen Levee	Vegetation	LS	M Ma	V4 : Elderberries are blocking visibility a capability.	nd flood f		39.270503 ° 3 122.001339 ° -12 DWR ID: DWR_ST000		5
85	10.46	10.46	Supplemental	USACE Erosion Survey	WS	A/W Ma	Inspector Comments: 2009 - Toe erosio cobbles. 2012: Old cobbles failed but ba removed. [2012 Site ID: SAC_150-2_L]			39.271494° 3 122.003497° -12 DWR ID:	9.271307° 2.003295°	27 Y
86	11.51	11.51	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2008 - Large rotal in the bank with tree slump. 2009 - Mini the tree is leaning further into the river. extended downstream. 2012: Minor new roots are further exposed. [2012 Site ID:	mal new of 2011 - Sit rerosion a	erosion, e and tree	39.283853 ° 3.122.016113 ° -12.	9.279910 ° 2.018221 °	28 Y
87	11.67	11.90	Earthen Levee	Encroachments	LS	M En	DT : Ditch		-			6
88	11.83	11.89	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2006 - Large rotal in the bank with tree slump. Tough clay 2007 - Site is between stone revetments station at the downstream end. 2010 - Elevee toe. 2011 - Minor new erosion. 20 erosion. [2012 Site ID: SAC_152-8_L]	ey toe ma s with a pu Erosion is	iterial. imp into the	39.285298° 3.122.015208° -12.	9.284568 ° 2.015690 °	29 Y
89	11.95	12.18	Earthen Levee	Encroachments	LS	M En	DT : Ditch		-	39.285658 ° 3 122.014574 ° -12 DWR ID: DWR_ST000		

* Location LS : Land Side WS : Water Side CR : Crown * Rating

A: Acceptable

M: Minimally Acceptable

U: Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type Ma : Mainter

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway		Bank	Unit Miles	Inspection Start/End	Inspe	ctor
Unit No. 01 Sacramento River		Left	20.39	11/19/2013 11/19/2013	Bol Duffe	
Levee Mile Category Item Category Ration Rati	Action/Comment			GPS Latitude	e/Longitude End	Issue No. Photo
visible.Flap gate in o visible/accessible.L concrete surge tank FIELD_STRUCT_D through the levee, 1 on the waterward sl riser at waterward to	Irgent and a safe valve in CMP rise concrete distribution on the contract on WS due to silting ESC: 36-inch corrugations. Also the contract on the contract on the contract on the contract one. Flap gate in concitoe. (ABO No. 9514 evision May 2011.	box on Led inside g. ated met own, pur orrugated rete distr	S not al pipe np house metal ibution	39.287251° -122.014076° -		,
gate in concrete dis visible/accessible. L concrete surge tank Pump running and V sure if silt was clear is in good condition. FIELD_STRUCT_D through the levee, 1 on the waterward sl riser at waterward to	Irgent and a large	ot ed inside g.7/29/20 ull of wat was visi ated met own, pur orrugated rete distr	sible. Flap e13 er so not ible and al pipe np house metal ibution	39.287251 °	22.014076°	,
visible.Flap gate in o visible/accessible.L concrete surge tank FIELD_STRUCT_D	_ Irgent	box on L ed inside J. ated met	S not al pipe	39.287251° -122.014076° -		

* Location

LS: Land Side

WS: Water Side

CR: Crown

Tuesday, December 10, 2013 08:39

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

FS Date: 12/11/2012

+ Issue Type
Ma : Mainter

through the levee, 18.1 feet below the crown, pump house on the waterward slope. Gate valve in corrugated metal riser at waterward toe. Flap gate in concrete distribution box at the landward toe. (ABO No. 9514 - Boggs).

O&M manual 136, revision May 2011.

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey
Levee Mile Category Item ** Action/Comment			GPS Latitude/L	ongitude Issue

Start End ion + Start End 93 12.06 12.06 Supplemental DWR UCIP Inspector Comments: FS ID:9390 39.287251° 39.287251° 101 LS M -122.014076 ° -122.014076 ° Field Study EP_NO: 9514 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve in CMP riser not visible. Flap gate in concrete distribution box on LS not visible/accessible. Looks cleaning required inside concrete surge tank on WS due to silting. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through the levee, 18.1 feet below the crown, pump house on the waterward slope. Gate valve in corrugated metal riser at waterward toe. Flap gate in concrete distribution box at the landward toe. (ABO No. 9514 - Boggs). O&M manual 136, revision May 2011. FS Date: 12/11/2012

94 12.06 12.06 Supplemental DWR UCIP

Field Study

LS M Inspector Comments: FS ID:9297

EP_NO: 9514

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Gate valve in CMP riser not visible. Flap gate in concrete distribution box on LS not visible/accessible. Looks cleaning required inside

concrete surge tank on WS due to silting.

FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through the levee, 18.1 feet below the crown, pump house on the waterward slope. Gate valve in corrugated metal riser at waterward toe. Flap gate in concrete distribution box at the landward toe. (ABO No. 9514 - Boggs). &M manual 136, revision May 2011.

FS Date: 12/11/2012

DWR ID: DWR_ST0003_01_f _ 2013_102 39.287258° 39.287258° 103

-122.014097 ° -122.014097 °

DWR ID: DWR ST0003 01 f 2013 101 39.287251 ° 39.287251 ° 102

-122.014076 ° -122.014076 °

95 12.06 12.06 Supplemental DWR UCIP

Field Study

LS M Inspector Comments: FS_ID:8741

EP_NO: 9514

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Gate valve in CMP riser not visible. Flap gate in concrete distribution box on LS not visible/accessible.Looks cleaning required inside

concrete surge tank on WS due to silting.

FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through the levee, 18.1 feet below the crown, pump house on the waterward slope. Gate valve in corrugated metal riser at waterward toe. Flap gate in concrete distribution box at the landward toe. (ABO No. 9514 - Boggs).

O&M manual 136, revision May 2011.

FS Date: 12/11/2012

DWR ID: DWR_ST0003_01_f _ 2013_103

Location LS: Land Side WS: Water Side CR: Crown

Rating

Minimally Acceptable U: Unacceptable

N : Not Inspected/Rated Corrected Acceptable but Monitor & Maintain + Issue Type

Levee Inspection Report By Mile - Fall 2013

Unit No. 01 Sacramento River Start End Category Item Item Start End Category Item Item	se through 36 lso found.7/29 ge box will pre er season. corrugated mencrete surge be pe invert 16.5 t the landward	inch CMP /2013 event slide tal pipe ox on ft below toe.	11/19/2013 11/19/2013 GPS Latitude/I Start 39.292608 ° 3 -122.013483 ° -12	End 9.292608 °	Issue No. Photo
96 12.43 12.43 Supplemental DWR UCIP Field Study LS U Inspector Comments: FS_ID:1664. EP_NO: 9513 Repair Type: Urgent Crossing Status: Found UCIP Comments: A 2.5 inch GI pip found. A 2 inch electrical conduit a 2.5in. GI pipe and chain in WS sur gate from closing fully for high wate FIELD_STRUCT_DESC: 24-inch of through the levee. Slide gate in con- berm. Slant pump on riverbank. Pi	se through 36 lso found.7/29 ge box will pre er season. corrugated mencrete surge be pe invert 16.5 t the landward	inch CMP /2013 event slide tal pipe ox on ft below toe.	Start 39.292608 ° 3	End 9.292608 °	No. Photo
96 12.43 12.43 Supplemental DWR UCIP Field Study LS U Inspector Comments: FS_ID:1664. EP_NO: 9513 Repair Type: Urgent Crossing Status: Found UCIP Comments: A 2.5 inch GI pip found. A 2 inch electrical conduit a 2.5in. GI pipe and chain in WS sur gate from closing fully for high wate FIELD_STRUCT_DESC: 24-inch of through the levee. Slide gate in con- berm. Slant pump on riverbank. Pi	se through 36 lso found.7/29 ge box will pre er season. corrugated mencrete surge be pe invert 16.5 t the landward	inch CMP /2013 event slide tal pipe ox on ft below toe.	39.292608° 3	9.292608°	Photo 104
Field Study En EP_NO: 9513 Repair Type: Urgent Crossing Status: Found UCIP Comments: A 2.5 inch GI pip found. A 2 inch electrical conduit a 2.5in. GI pipe and chain in WS sur gate from closing fully for high wate FIELD_STRUCT_DESC: 24-inch ce through the levee. Slide gate in col berm. Slant pump on riverbank. Pi	pe through 36 lso found.7/29 ge box will per season. corrugated menorete surge be invert 16.5 the landward	inch CMP /2013 event slide tal pipe ox on ft below toe.			
crown. Concrete distribution box at (ABO No. 9513 -Boggs). O&M mai 2011. FS Date: 7/30/2013 9:01:52 AM					
1 0 Bate. 1700/2010 0.01.02 / Wi			DWR ID: DWR_ST000	3_01_f _ 2013_1	104
97 12.43 12.43 Supplemental DWR UCIP Field Study En En EP_NO: 9513 Repair Type: Urgent Crossing Status: Found UCIP Comments: A 2.5 inch GI pip found. A 2 inch electrical conduit a 2.5in. GI pipe and chain in WS sur gate from closing fully for high wate FIELD_STRUCT_DESC: 24-inch of through the levee. Slide gate in con berm. Slant pump on riverbank. Pip crown. Concrete distribution box at (ABO No. 9513 -Boggs). O&M mat 2011. FS Date: 7/30/2013 9:05:45 AM	pe through 36 lso found.7/29 ge box will preer season. corrugated menorete surge be invert 16.5 t the landward	inch CMP /2013 event slide tal pipe ox on ft below toe.	39.292608 ° 3 -122.013483 ° -12 DWR ID: DWR_ST000		
98 12.43 12.43 Supplemental DWR UCIP Field Study En EP_NO: 9513 Repair Type: Urgent Crossing Status: Found UCIP Comments: A 2.5 inch GI pip found. A 2 inch electrical conduit a 2.5in. GI pipe and chain in WS sur gate from closing fully for high wate FIELD_STRUCT_DESC: 24-inch co through the levee. Slide gate in col berm. Slant pump on riverbank. Pip crown. Concrete distribution box at (ABO No. 9513 -Boggs). O&M mail 2011. FS Date: 7/30/2013 9:11:08 AM	pe through 36 lso found.7/29 ge box will pre er season. corrugated me ncrete surge b pe invert 16.5 t the landward	inch CMP /2013 event slide tal pipe ox on ft below toe.	39.292608 ° 3 -122.013483 ° -12		

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

	Waterwa	у		Bank	Unit Miles	Inspection Start/End	Inspector
Unit N	lo. 01 Sacrar	me	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey
Levee Mile Category I	tem * tocation	Rating	Action/Comment			GPS Latitude/	Longitude Issu No End Pho
⁹⁹ 12.96 12.96 Supplemental DWR I Field S		UEn	Inspector Comments: FS_ID:8605 EP_NO: 9510 Repair Type: Urgent Crossing Status: Found UCIP Comments: Soil around CMP rises concrete box on WS damaged due to ox found. FIELD_STRUCT_DESC: 36-inch corrug through the levee, 18.0 feet below the cr 36-inch corrugated metal riser on the wat Concrete box on the waterward side. Pu waterward bank. (ABO No. 9510 ¿ Forry O&M manual 136, revision May 2011. FS Date: 12/10/2012	verflow.Pu ated meta rown. Slid aterward s mp mour	ge ump not al pipe le gate in slope.	39.300140 ° : 122.013599 ° -1:	
100 12.96 12.96 Supplemental DWR I		U En	Inspector Comments: FS_ID:9404 EP_NO: 9510 Repair Type: Urgent Crossing Status: Found UCIP Comments: Soil erosion around C surge concrete box on WS damaged du Pump not found. Flap gate missing on V WS slope eroded. Structure might have drainage structure. This needs to be det routine inspection. FIELD_STRUCT_DESC: 36-inch corrug through the levee, 18.0 feet below the cr 36-inch corrugated metal riser on the wa Concrete box on the waterward side. Pu waterward bank. (ABO No. 9510 Forry). 136, revision May 2011. FS Date: 12/10/2012	e to overf VS concre been use ermined of ated meta rown. Slid aterward s mp mour	and flow. ete box. ed as during al pipe le gate in slope. eted on		39.300140° 10 22.013599°
101 12.96 12.96 Supplemental DWR U		U En	Inspector Comments: FS_ID:9244 EP_NO: 9510 Repair Type: Urgent Crossing Status: Found UCIP Comments: Soil erosion around C surge concrete box on WS damaged du Pump not found. Flap gate missing on V WS slope eroded. Structure might have drainage structure. This needs to be det routine inspection. FIELD_STRUCT_DESC: 36-inch corrug through the levee, 18.0 feet below the cr 36-inch corrugated metal riser on the wa Concrete box on the waterward side. Pu waterward bank. (ABO No. 9510 ¿ Forry 136, revision May 2011. FS Date: 12/10/2012	e to overf VS concre been use ermined of ated meta rown. Slid aterward s mp mour	and flow. ete box. ed as during al pipe le gate in slope. eted on	39.300140 ° 122.013599 ° -12	39.300140° 10 22.013599°

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Wa	Bank	Unit Miles	Inspection Start/End	Inspec	ctor		
Unit No. 01 Sa	acrame	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffe	
Levee Mile Start End Category Item	Rating ** + Location *	Action/Comment			GPS Latitude/I	ongitude End	Issue No. Photo
102 12.96 12.96 Supplemental DWR UCIP Field Study	LS U En	Inspector Comments: FS_ID:16560 EP_NO: 9510 Repair Type: Urgent Crossing Status: Found UCIP Comments: Soil erosion around C surge concrete box on WS damaged du Pump not found. Flap gate missing on V WS slope eroded. Structure might have drainage structure. This needs to be det routine inspection.7/23/2013 Water was the WS to LS ditch. Not sure where wat originating. All erosion problems are still FIELD_STRUCT_DESC: 36-inch corrug through the levee, 18.0 feet below the c 36-inch corrugated metal riser on the wa Concrete box on the waterward side. Pu waterward bank. (ABO No. 9510 Forry). 136, revision May 2011. FS Date: 7/25/2013 12:43:03 PM	e to overf VS concre been use termined of s flowing the er flow was present. lated meta rown. Slid aterward s	and flow. ete box. ed as during from as al pipe e gate in slope. eted on	39.300140° 3 122.013599° -12	9.300140 ° 2.013599 °	
103 12.96 12.96 Supplemental DWR UCIP Field Study	LS U En	Inspector Comments: FS_ID:8609 EP_NO: 9510 Repair Type: Urgent Crossing Status: Found UCIP Comments: Soil around CMP rise concrete box on WS damaged due to or found. Flap gate missing on WS concre eroded. Structure might have been used structure. This needs to be determined of inspection. FIELD_STRUCT_DESC: 36-inch corrug through the levee, 18.0 feet below the c 36-inch corrugated metal riser on the wa Concrete box on the waterward side. Pu waterward bank. (ABO No. 9510 ¿ Forry O&M manual 136, revision May 2011.	verflow.Pute box. What as drain during per lated metarown. Slidaterward sump mour	ge imp not S slope age riodic al pipe le gate in slope.	39.300140 ° 3 122.013599 ° -12	9.300140 °	

FS Date: 12/10/2012

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

		Waterway		Bank	Unit Miles	Inspection Start/End	Inspec	ctor
	Unit No. 0	1 Sacrame	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffe	
Levee Mile Cate	egory Item	Rating ** + Location	Action/Comment			GPS Latitude	e/Longitude End	Issue No. Photo
104 12.96 12.96 Suppl	lemental DWR UCIP Field Study	LS U En	Inspector Comments: FS_ID:16559 EP_NO: 9510 Repair Type: Urgent Crossing Status: Found UCIP Comments: Soil erosion around O surge concrete box on WS damaged du Pump not found. Flap gate missing on N WS slope eroded. Structure might have drainage structure. This needs to be deroutine inspection.7/23/2013 Water was the WS to LS ditch. Not sure where wat originating. All erosion problems are stil FIELD_STRUCT_DESC: 36-inch corrug through the levee, 18.0 feet below the o 36-inch corrugated metal riser on the wa Concrete box on the waterward side. Pu waterward bank. (ABO No. 9510 Forry). 136, revision May 2011. FS Date: 12/10/2012	te to over WS concribeen use termined as flowing er flow was I present. gated met rown. Slice aterward sump mour	and flow. ete box. ed as during from as al pipe le gate in slope.	39.300140° .122.013599° -	39.300140 °. 122.013599 °	112
			13 Date: 12/10/2012			DWR ID: DWR_STO	003_01_f _ 2013_	112
105 12.96 12.96 Suppl	lemental DWR UCIP Field Study	LS U En	Inspector Comments: FS_ID:9104 EP_NO: 9510 Repair Type: Urgent Crossing Status: Found UCIP Comments: Soil erosion around Course surge concrete box on WS damaged du overflow. Pump not found. Flap gate mis concrete box. WS slope eroded. Structubeen used as drainage structure. This net determined during routine inspection. FIELD_STRUCT_DESC: 36-inch corrugation through the levee, 18.0 feet below the concrete box on the waterward side. Puwaterward bank. (ABO No. 9510 ¿ Form O&M manual 136, revision May 2011. FS Date: 12/10/2012	ne to sing on V ure might needs to be gated met rown. Slicaterward sump mour	and VS have e al pipe le gate in slope.	39.300140° -122.013599° -	22.013599°	
106 13.37 13.37 Suppl	lemental DWR UCIP Field Study	LS M En	Inspector Comments: FS_ID:16561 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Outlet pipe silted on Namaged on LS. Not properly abandone Same as last inspection. FIELD_STRUCT_DESC: Abandoned 48 metal drainpipe through the levee, 16.5 crown. Slide gate in 60-inch corrugated the waterward slope. Landward end of phice Paced, 0.2 M magual 136 revisions	ed.7/23/20 3-inch cor feet belov metal pip pipe on ea	structure 013 rugated w the e riser on ast side of	DWR ID: DWR_ST(39.306065 ° .122.013112 ° -	39.306065 °	

* Location LS: Land Side WS : Water Side CR : Crown

Tuesday, December 10, 2013 08:39

Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

River Road. O&M manual 136, revision May 2011.

FS Date: 7/25/2013 12:44:54 PM

+ Issue Type Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Unit Miles	Inspection Start/End	Inspector					
Unit No. 01 Sacramento River	Unit No. 01 Sacramento River Left 20.39 11/19/2013 11/19/2013 Bot Duffe							
Levee Mile Start End Category Item To a tip of the state			GPS Latitude/L	Longitude Issue No. End Photo				
107 13.37 Supplemental DWR UCIP Field Study LS M En Inspector Comments: FS_ID:9124 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - outlet pipe silted on structure damaged on LS not properly FIELD_STRUCT_DESC: Abandoned 4 metal drainpipe through the levee, 16.5 crown. Slide gate in 60-inch corrugated the waterward slope. Landward end of River Road. O&M manual 136, revision FS Date: 12/10/2012	abandon 8-inch cor feet below metal pip pipe on ea	et ed. rugated w the e riser on ast side of	39.306065 ° 3 -122.013112 ° -12					
108 13.37 13.37 Supplemental DWR UCIP Field Study LS M En EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Outlet pipe silted on damaged on LS. Not properly abandon FIELD_STRUCT_DESC: Abandoned 4 metal drainpipe through the levee, 16.5 crown. Slide gate in 60-inch corrugated the waterward slope. Landward end of River Road. O&M manual 136, revision FS Date: 12/10/2012	ed. 8-inch cor feet below metal pip pipe on ea	structure rugated w the e riser on ast side of	39.306065 ° 3.122.013112 ° -12	9.306065 ° 116 2.013112 °				
109 13.37 13.37 Supplemental DWR UCIP Field Study LS M En Inspector Comments: FS_ID:8604 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - outlet pipe silted on structure damaged on LS not properly FIELD_STRUCT_DESC: Abandoned 4 metal drainpipe through the levee, 16.5 crown. Slide gate in 60-inch corrugated the waterward slope. Landward end of River Road. O&M manual 136, revision May 2011. FS Date: 12/10/2012	abandon 8-inch cor feet below metal pip	et ed. rugated w the e riser on		9.306065 ° 117 2.013112 °				

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

	Waterway Bank Unit Mile						Unit Miles	les Inspection Inspector			
			Unit No. 01 S	acra	me	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey	y
Levee I		Category	Item	Location	Rating	Action/Comment			GPS Latitude/L	origitude	No. Photo
110 13.37 1	13.37 S	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8603 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - outlet pipe silted on I structure damaged not properly abando FIELD_STRUCT_DESC: Abandoned 48 metal drainpipe through the levee, 16.5 f crown. Slide gate in 60-inch corrugated r the waterward slope. Landward end of pi River Road. O&M manual 136, revision May 2011. FS Date: 12/10/2012	oned. -inch cor feet belov metal pip	rugated v the e riser on	39.306065 ° 39.122.013112 ° -122		
111 13.37 1	13.37 S	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:9246 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - outlet pipe silted on Note that the structure damaged on LS not properly of FIELD_STRUCT_DESC: Abandoned 48 metal drainpipe through the levee, 16.5 for crown. Slide gate in 60-inch corrugated in the waterward slope. Landward end of pilone Road. O&M manual 136, revision in FS Date: 12/10/2012	abandon -inch cor feet belov metal pip ipe on ea	ed. rugated w the e riser on est side of	39.306065 ° 39122.013112 ° -122.0131112 ° -122.0131112 ° -122.0131112 ° -122.013112 ° -122.0131112 ° -122.013112 ° -122.013112		
112 13.47 1		arthen .evee	Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site.			39.307448 ° 39.122.013037 ° -122.013037 ° -122.013037 ° -122.000		
113 14.55 1		Earthen .evee	Encroachments	WS	U En	PI : Pipe				9.322254 ° 2.015985 °	25 Y
114 15.47 1	15.47 S	Supplemental	DWR UCIP Field Study	WS		Inspector Comments: FS_ID:8568 EP_NO: 9506 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Water full on inlet and structure. FIELD_STRUCT_DESC: 24-inch pipe th 16.5 feet below crown. Pump in floodway transfer ditch on the waterward side to cat the waterward toe. Slide gates in corruriser on the waterward slope. Discharge distribution box at the landward toe. (ABC Carter). O&M manual 136, revision May 2011. FS Date: 12/10/2012	rough the y. Irrigation oncrete sugated mainto condition	the levee, on surge box etal pipe crete	39.333868 ° 39122.022243 ° -127		Y

* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma · Mainter

Rank Unit Miles Inspection Inspector

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Materway

			Wa	terwa	ay		Bank	Unit Miles	Start/End	Inspec	ctor
			Unit No. 01 Sa	Unit No. 01 Sacramento River Left 20.39							ey
E Leve	e Mile	0.1		Loca	_≵ Ra	A 11 10			GPS Latitude	e/Longitude	Issue No.
Start	End	Category	Item	Location	Rating	Action/Comment			Start	End	Photo
¹¹⁵ 15.47	15.47	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16567 EP_NO: 9506 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Water full on inlet and structure.7/23/2013 Same as last inspe FIELD_STRUCT_DESC: 24-inch pipe th 16.5 feet below crown. Pump in floodwa transfer ditch on the waterward side to at the waterward toe. Slide gates in corn riser on the waterward slope. Discharge distribution box at the landward toe. (AB Carter). O&M manual 136, revision May FS Date: 7/25/2013 12:59:19 PM	ction. Irough the y. Irrigation oncrete sugated m into conco O No. 95	the e levee, on surge box etal pipe crete	39.333868 °. 122.022243 ° -	39.333868 ° 122.022243 °	121
116 15.47	15.47	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9165 EP_NO: 9506 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Water full on inlet and structure. FIELD_STRUCT_DESC: 24-inch pipe th 16.5 feet below crown. Pump in floodway transfer ditch on the waterward side to cat the waterward toe. Slide gates in corn riser on the waterward slope. Discharge distribution box at the landward toe. (AB Carter). O&M manual 136, revision May FS Date: 12/10/2012	rough the y. Irrigation oncrete sugated m into cond O No. 95	the e levee, on surge box etal pipe crete	DWR ID: DWR_STI	39.333868 ° 122.022243 °	122
¹¹⁷ 16.95	16.95	Earthen Levee	Encroachments	LS	M En	PR : Prunings		-	39.347308 ° .122.015264 ° - 	39.347308 ° 122.015264 °	36 Y
118 17.44	17.44	Earthen Levee	Encroachments	LS	M En	PR : Prunings		-	39.351311 ° 122.009409 ° - DWR ID: DWR_ST	122.009409 °	Υ

* Location

LS: Land Side

WS: Water Side

CR: Crown

119 17.45 17.45 Earthen

120 18.00 18.08 Earthen

121 18.04 18.18 Earthen

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Encroachments LS M

Encroachments LS M

Encroachments

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

PR: Prunings

FW: Firewood

EQ: Equipment

En

Ма

Ма

LS M

+ Issue Type
Ma · Mainter

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

39.351447 ° 39.351447 ° 136

-122.009385 ° -122.009385 °

-122.007492 ° -122.006219 °

DWR ID: DWR_ST0003_01_f _ 2013_136 39.358956 ° 39.359565 ° 10

DWR ID: DWR_ST0003_01_s _ 2012_10

DWR ID: DWR_ST0003_01_s _ 2012_16

39.359188 ° 39.359980 ° 16 -122.006878 ° -122.004517 ° Y

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey
Levee Mile Start End Category Item Category Action/Comment Action/Comment			GPS Latitude/L	ongitude Issue No. End Photo
122 18.65 18.65 Supplemental DWR UCIP Field Study LS U Inspector Comments: FS_ID:16580 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: It is not an abandoned Sloughing at outlet and levee slope is da sloughing.7/24/2013 Same as last inspective for the supplemental DWR UCIP Field Study En EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: It is not an abandoned sloughing at outlet and levee slope is da sloughing.7/24/2013 Same as last inspective for the supplemental DWR UCIP Field Study En EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: It is not an abandoned Sloughing at outlet and levee slope is da sloughing 7/24/2013 Same as last inspector of the supplemental DWR UCIP Field Study Field Stu	amaged of ection. rugated nelow the o	g. lue to netal crown.	.121.997993 ° -12	
123 18.65 18.65 Supplemental DWR UCIP Field Study LS U Inspector Comments: FS_ID:9304 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: It is not an abandoned Sloughing at outlet and levee slope is da sloughing. FIELD_STRUCT_DESC: A 36- inch corr drainpipe through the levee, 20.0 feet be Slide gate at the waterward toe. O&M mare revision May 2011. FS Date: 11/27/2012	maged of rugated n	g. lue to netal crown.	DWR ID: DWR_ST000 39.362866 ° 39.3121.997993 ° -12	9.362866 ° 124 1.997993 °
124 18.65 18.65 Supplemental DWR UCIP Field Study LS U Inspector Comments: FS_ID:8200 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: It is not an abandoned Sloughing at outlet and levee slope is da sloughing. FIELD_STRUCT_DESC: A 36- inch corr drainpipe through the levee, 20.0 feet be Slide gate at the waterward toe. O&M manual 136, revision May 2011. FS Date: 11/27/2012	maged o	g. lue to netal	39.362866 ° 39.121.997993 ° -12	9.362866 ° 125 1.997993 ° Y
			DWR ID: DWR_ST000	3_01_f _ 2013_125
125 18.65 18.65 Supplemental DWR UCIP Field Study En Inspector Comments: FS_ID:8182 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: It is not an abandoned Sloughing at outlet and levee slope is da sloughing. FIELD_STRUCT_DESC: A 36- inch corr drainpipe through the levee, 20.0 feet be Slide gate at the waterward toe. O&M manual 136, revision May 2011. FS Date: 11/27/2012	maged o	g. lue to netal	39.362866 ° 3: 121.997993 ° -12	

* Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway		Unit Miles	Inspection Start/End	Inspector	r
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey	
Levee Mile Start End Category Item Levee Mile Category Item Levee Mile Category Action/Comment Category Catego			GPS Latitude/I	-origitude N	sue No. hoto
126 18.74 18.74 Supplemental DWR UCIP Field Study By Supplemental DWR UCIP Field Study LS M Inspector Comments: FS_ID:9257 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: According to local peo is functional. The gap between 8-inch an grouted with cement. Inlet structure is fill FIELD_STRUCT_DESC: A 8-inch steel p 24- inch corrugated metal drain pipe thro 19.0 feet below the crown. Slide gate at and concrete inlet box on landside of the manual 136, revision May 2011. FS Date: 11/27/2012	nd 24-inch led with s pipe slee bugh the l waterwar	crossing n pipes is soil. ved into levee, rd toe	.121.997792° -12	1.997792°	
127 18.74 18.74 Supplemental DWR UCIP Field Study LS M Inspector Comments: FS_ID:8181 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: According to local peo is functional. The gap between 8-inch an grouted with cement. Inlet structure is fill FIELD_STRUCT_DESC: A 8-inch steel p 24- inch corrugated metal drain pipe thro 19.0 feet below the crown. Slide gate at and concrete inlet box on landside of the O&M manual 136, revision May 2011. FS Date: 11/27/2012	nd 24-inch led with s pipe slee bugh the l waterwar	crossing n pipes is soil. ved into levee,	DWR ID: DWR_ST000 39.364067 ° 3 -121.997792 ° -12	9.364067° 12 1.997792°	128
128 18.74 18.74 Supplemental DWR UCIP Field Study LS M Inspector Comments: FS_ID:8180 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: According to local peo is functional. The gap between 8-inch an grouted with cement. Inlet structure is fill FIELD_STRUCT_DESC: A 8-inch steel p 24- inch corrugated metal drain pipe thro 19.0 feet below the crown. Slide gate at and concrete inlet box on landside of the O&M manual 136, revision May 2011. FS Date: 11/27/2012	nd 24-inch led with s pipe slee bugh the l waterwar	crossing n pipes is soil. ved into levee,	39.364067° 3 .121.997792° -12		129 Y

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement DWR ID: DWR_ST0003_01_f _ 2013_129

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

W	aterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01	Sacrame	nto River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey
Levee Mile Start End Category Item	Rating ** + Location *	Action/Comment			GPS Latitude/L	Longitude Issue No. End Photo
129 18.74 18.74 Supplemental DWR UCIP Field Study	WS M En	Inspector Comments: FS_ID:16581		.121.997792 ° -12		
130 18.80 18.80 Earthen Levee Animal Control	WS C	A3 : No rodents visible, but rodent burro backfill and compact or grout burrows.	ws visible		39.364865 ° 3 .121.997788 ° -12 DWR ID: DWR_ST000	9.364865 ° 26 1.997788 °
131 19.62 19.62 Supplemental DWR UCIP Field Study	WS M En	Inspector Comments: FS_ID:16586 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide Gate WS not for abondoned pump and steel pipe found of concrete distribution box with a CMP for filled with soil. An abondoned crossing.7 as last inspection. FIELD_STRUCT_DESC: 36 inch pipe, 2 crown. O&M manual 136, revision May 2 FS Date: 7/25/2013 1:18:28 PM	on WS. A and on LS a/24/2013	6 ft x 8 ft 3. Box Same		9.375221 ° 131
132 19.62 19.62 Supplemental DWR UCIP Field Study	WS M En	Inspector Comments: FS_ID:8164 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide Gate WS not for abondoned pump and steel pipe found of concrete distribution box with a CMP for filled with soil. An abondoned crossing. FIELD_STRUCT_DESC: 36 inch pipe, 2 crown, O&M manual 136, revision May 2 FS Date: 11/27/2012	on WS. A and on LS and ft inv	6 ft x 8 ft 5. Box	DWR ID: DWR_ST000 39.375221 ° 3 .121.995878 ° -12	9.375221 ° 132
					DWR ID: DWR_ST000	3_01_f _ 2013_132

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspec	ctor
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffe	
Levee Mile Start End Category Item **Tation** **Tation** Action/Contact Action** **Tation** **Ta	mment		GPS Latitude	e/Longitude End	No. Photo
133 19.62 19.62 Supplemental DWR UCIP Field Study WS M En EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide Gate W abondoned pump and steel pipe concrete distribution box with a filled with soil. An abondoned cr FIELD_STRUCT_DESC: 36 inc crown. O&M manual 136, revision FS Date: 11/27/2012	S not found. An e found on WS. A CMP found on L ossing. h pipe, 21.7 ft in	A 6 ft x 8 ft S. Box	39.375221° -121.995878° -		
134 19.62 19.62 Supplemental DWR UCIP Field Study WS M Inspector Comments: FS_ID:81 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide Gate W abondoned pump and steel pipe concrete distribution box with a filled with soil. An abondoned cr FIELD_STRUCT_DESC: 36 inc crown, O&M manual 136, revisit FS Date: 11/27/2012	S not found. An e found on WS. A CMP found on L cossing. h pipe, 21.7 ft in	A 6 ft x 8 ft S. Box	DWR ID: DWR_STI 39.375221 ° -121.995878 ° -	39.375221 ° 121.995878 °	134
135 20.04 20.04 Supplemental DWR UCIP Field Study WS M En EP_NO: 9496 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Only one pure abondoned surge box found on with cement. Two 16-inch steel station along with two electrical distribution box found on LS with abandoned crossing. FIELD_STRUCT_DESC: 20-inct through the levee, 19.8 feet below pumps on pile structure on the wa into concrete distribution box on the county road. Switch board on No. 9496 Womble). O&M manual 136, revision May FS Date: 11/27/2012	np found on WS WS and pipe is pipe found on pi conduits. A conduits. A conduits. A conduits. A conduits with corrugated means the crown. To waterward bank. A conduit waterward berm. En the landward sin platform on band in platform on band with the sin platform on band with the landward sin	An grouted ump crete Appears etal pipe wo vertical Slide gate bischarges de across	DWR ID: DWR_STI 39.380501 ° -121.993546 ° -	39.380501° 121.993546°	135 Y

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	4			
Start Levee Mile	0.08			
End Levee Mile	0.14			
Location	Water Side			
Category	Earthen Levee			
Item	Encroachments			
View of a old building next to the landside toe.				

rduffey_f_20130919_794.jpg

Levee Mile Report Line	9
Start Levee Mile	1.11
End Levee Mile	1.11
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

Waterside view: overview of walkway and pump

UCIP_	_9539.jpg
-------	-----------

Levee Mile Report Line	17
Start Levee Mile	1.85
End Levee Mile	1.85
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Waterside view: abandor	ned pump station and

UCIP_5676.jpg







Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Page 37 of 51

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	19
Start Levee Mile	3.03
End Levee Mile	3.03
Location	Water Side
Category	Earthen Levee
Item	Animal Control
View of the grouted rode	nt holes.

rduffey_f_20131122_191.JPG

Levee Mile Report Line	20
Start Levee Mile	3.06
End Levee Mile	3.12
Location	Land Side
Category	Earthen Levee
Item	Animal Control
View of the redent heles	9 hait atation

View of the rodent holes & bait station.

rduffey_f_2013091	9_804.jpg
-------------------	-----------

20
3.06
3.12
Land Side
Earthen Levee
Animal Control
nt holes.

rduffey_f_20131122_190.JPG







* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	25
Start Levee Mile	3.35
End Levee Mile	3.35
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Landside view: overview- pipes	concrete culvert and
UCIP_9553.jpg	

Levee Mile Report Line	28
Start Levee Mile	3.79
End Levee Mile	3.79
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

Waterside view: overview of pipe and pump house

UCIP_5087.jpg

OCIF_3007.jpg	
Levee Mile Report Line	35
Start Levee Mile	4.19
End Levee Mile	4.19
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Veiw of the trailer next to	the W/S toe.
rduffey_f_20130919_796.jpg	







N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	
Start Levee Mile	
End Levee Mile	4.38
Location	Water Side
Category	Supplemental
ltom	DIA/D 110/D E: 110/
	DWR UCIP Field Study
item Waterside view: overview abandoned pipe	

Levee Mile Report Line	51
Start Levee Mile	4.59
End Levee Mile	4.59
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

Waterside view: overview of pump station

UCIP_9624.jpg

Levee Mile Report Line	55
Start Levee Mile	4.66
End Levee Mile	4.84
Location	Crown
Category	Earthen Levee
Item	Encroachments
View of the barn on the la	arge crown of the levee.







Location LS: Land Side WS : Water Side CR : Crown

rduffey_f_20130919_797.jpg

Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monit : Corrected : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	56	
Start Levee Mile	4.66	
End Levee Mile	4.66	
Location	Water Side	
Category	Earthen Levee	
Item	Slope Stability	
View of the erosion along the waterside slope.		

rduffey_f_20130919_798.JPG

Levee Mile Report Line	57
Start Levee Mile	4.81
End Levee Mile	4.81
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the building next to the L/S toe.

rduffey_f_20130919_801.jpg

Levee Mile Report Line	61	
Start Levee Mile	4.99	
End Levee Mile	4.99	
Location	Land Side	
Category	Supplemental	
Item	DWR UCIP Field Study	
Waterside view: closer look at surge box		

UCIP_9633.jpg







Location LS: Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monite : Corrected : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	62	
Start Levee Mile	5.38	
End Levee Mile	5.38	
Location	Land Side	
Category	Supplemental	
Item	DWR UCIP Field Study	
Waterside view: slanted pump and service poll (electric cable is not connected to switch board)		
UCIP_9114.jpg		

Levee Mile Report Line	65	
Start Levee Mile	6.02	
End Levee Mile	6.02	
Location	Land Side	
Category	Supplemental	
Item	DWR UCIP Field Study	
Matereide view: everyiew		

Waterside view: overview

UCIP	9124.jpg

0011 _9124.jpg	
Levee Mile Report Line	67
Start Levee Mile	6.34
End Levee Mile	6.34
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Waterside view: CMP ris	er with slide gate







* Location LS: Land Side WS: Water Side CR: Crown

UCIP_5167.jpg

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Mainter

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	71
Start Levee Mile	6.42
End Levee Mile	6.42
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the material & ga	arbage along the toe.

Levee Mile Report Line	72
Start Levee Mile	6.80
End Levee Mile	6.80
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Erosion along the waterside crown.

rduffey_f_20130919_802.jpg

rduffey_f_20130919_800.JPG		
Levee Mile Report Line	73	
Start Levee Mile	7.72	
End Levee Mile	7.72	
Location	Water Side	
Category	Supplemental	
Item	DWR UCIP Field Study	
Waterside view: concrete box with slide gate		
UCIP_5175.jpg		







Location LS: Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	78
Start Levee Mile	8.32
End Levee Mile	8.32
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Waterside view: overview	v of CMP riser
UCIP_9480.jpg	

Levee Mile Report Line	81
Start Levee Mile	8.76
End Levee Mile	8.76
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the building payt	to the too of the levee

View of the building next to the toe of the levee.

rduffey	f	20130919	793.jpg

Tuancy_i_20100010_100.jpg		
Levee Mile Report Line	82	
Start Levee Mile	9.23	
End Levee Mile	9.23	
Location	Land Side	
Category	Earthen Levee	
Item	Encroachments	
View of the prunings along the L/S toe.		
rduffey_f_20130919_792.jpg		







Location LS: Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	85			
Start Levee Mile	10.46			
End Levee Mile	10.46			
Location	Water Side			
Category	Supplemental			
Item	USACE Erosion Survey			
USACE 2012 Photo #1				
USACE2013_SAC_150-2_L_1.jpg				

Levee Mile Report Line	86
Start Levee Mile	11.51
End Levee Mile	11.51
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

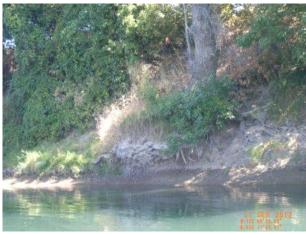
USACE2013_SAC_152-6_L_1.jpg

Levee Mile Report Line	86
Start Levee Mile	11.51
End Levee Mile	11.51
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	

USACE2013_SAC_152-6_L_2.jpg







* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	86		
Start Levee Mile	11.51		
End Levee Mile	11.51		
Location	Water Side		
Category	Supplemental		
Item	USACE Erosion Survey		
USACE 2012 Photo #3			
USACE2013_SAC_152-6_L_3.jp	g		

Levee Mile Report Line	86
Start Levee Mile	11.51
End Levee Mile	11.51
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
	•

USACE 2012 Photo #4

USACE2013_SAC_152-6_L_4.jpg

Levee Mile Report Line	88
Start Levee Mile	11.83
End Levee Mile	11.89
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	

USACE2013_SAC_152-8_L_1.jpg







+ Issue Type
Ma · Mainter

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	88	
Start Levee Mile	11.83	
End Levee Mile	11.89	
Location	Water Side	
Category	Supplemental	
Item	USACE Erosion Survey	
USACE 2012 Photo #2		
USACE2013_SAC_152-8_L_2.jpg		

Levee Mile Report Line	88
Start Levee Mile	11.83
End Levee Mile	11.89
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
LICACE 2042 Dhata #2	

USACE 2012 Photo #3

USACE2013_SAC_152-8_L_3.jpg

Levee Mile Report Line	93	
Start Levee Mile	12.06	
End Levee Mile	12.06	
Location	Water Side	
Category	Supplemental	
Item	DWR UCIP Field Study	
Matereido view: etgol pipo, pump, eurao boy 8		

Waterside view: steel pipe, pump, surge box & CMP riser

UCIP_5656.jpg







* Location LS: Land Side WS: Water Side CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Mainter

Page 47 of 51

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	96		
Start Levee Mile	12.43		
End Levee Mile	12.43		
Location	Water Side		
Category	Supplemental		
Item	DWR UCIP Field Study		
Waterside view: pump station and walkway			
UCIP_9658.jpg			

Levee Mile Report Line	102
Start Levee Mile	12.96
End Levee Mile	12.96
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

Waterside view: CMP riser on levee slope.

UCIP_9494.jp	og
--------------	----

Levee Mile Report Line	107		
Start Levee Mile	13.37		
End Levee Mile	13.37		
Location	Water Side		
Category	Supplemental		
Item	DWR UCIP Field Study		
Waterside view: overview of CMP riser and outlet pipe			







Location LS: Land Side WS : Water Side CR : Crown

UCIP_5224.jpg

Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	112	
Start Levee Mile	13.47	
End Levee Mile	13.66	
Location	Water Side	
Category	Earthen Levee	
Item	Erosion / Bank Caving	
View of the erosion along the W/S toe.		

rduffey_f_20130919_795.jpg

Levee Mile Report Line	113
Start Levee Mile	14.55
End Levee Mile	14.55
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of the unauthorized pipe placed inside the drain pipe.

rduffey_f_20130919_805.JPG

Levee Mile Report Line	114	
Start Levee Mile	15.47	
End Levee Mile	15.47	
Location	Water Side	
Category	Supplemental	
Item	DWR UCIP Field Study	
Materials views OMD sisses in let be a seed control		

Waterside view: CMP riser, inlet box and water transfer ditch

UCIP_5308.jpg







A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	117		
Start Levee Mile	16.95		
End Levee Mile	16.95		
Location	Land Side		
Category	Earthen Levee		
Item Encroachments			
View of the brush pile along the landside toe.			

rduffey_f_20130919_816.JPG

Levee Mile Report Line	118
Start Levee Mile	17.44
End Levee Mile	17.44
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the walnut orchard stumps along the landside toe.

rduffey_f_20130919_814.JPG

Levee Mile Report Line	119	
Start Levee Mile	17.45	
End Levee Mile	17.45	
Location	Land Side	
Category	Earthen Levee	
Item	Encroachments	
View of the prunings at the toe of the levee.		

rduffey_f_20131122_189.JPG







Location LS: Land Side WS : Water Side CR : Crown Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monite : Corrected : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	121	
Start Levee Mile	18.04	
End Levee Mile	18.18	
Location	Land Side	
Category	Earthen Levee	
Item	Encroachments	
View of the equipment and trees next to the landside toe of the levee.		

rduffey_f_20130919_799.jpg

Levee Mile Report Line	124
Start Levee Mile	18.65
End Levee Mile	18.65
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Waterside view: overview of sliding gate structure

UCIP_4143.jpg

128		
18.74		
18.74		
Land Side		
Supplemental		
DWR UCIP Field Study		
Landside view: overview of inlet structure		







Location LS: Land Side WS : Water Side CR : Crown

UCIP_4127.jpg

Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monite

: Corrected : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	20.39	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	131
Start Levee Mile	19.62
End Levee Mile	19.62
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Waterside view: overview	V

UCIP_9527.jpg

Levee Mile Report Line	135
Start Levee Mile	20.04
End Levee Mile	20.04
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
\\/_t====id=id=	

Waterside view: overview

UCIP_4099.jpg





Unit Cover Sheet

Fall 2013 Levee Inspection Results

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles
Unit No. 02 Colusa Bypass	Right	2.20

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	03/19/2013 - 03/19/2013		10/15/2013 - 10/15/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Bryan Reniff Sutter Maintenance Yard		Bryan Reniff Sutter Maintenance Yard	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Colusa Bypass	Right	2.20	10/15/2013 10/15/2013	Bob Duffey

LMR			egory Item ************************************		Ratii	Action/Comment	GPS Latitud	GPS Latitude/Longitude		
No.	Start	End	catogory	Rom	ion	+ Or	A COLOTA COMMITTEE	Start	End	Photo
1	0.01	0.01	Earthen Levee	Vegetation	LS		V4 : Elderberries are blocking visibility and flood fight capability.	39.232058 ° -121.995514 ° DWR ID: DWR_S	39.232058 ° -121.995514 ° T0003_02_s _ 2012_	Υ
2	0.45	0.45	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Sutter Yard has burned both slope.	39.231399 ° -121.987615 ° DWR ID: DWR_S	39.231399 ° -121.987615 ° T0003_02_f _ 2013_	Y

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

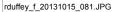
Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Colusa Bypass	Right	2.20	10/15/2013 10/15/2013	Bob Duffey

Levee Mile Report Line	1						
Start Levee Mile	0.01						
End Levee Mile	0.01						
Location	Land Side						
Category	Earthen Levee						
Item Vegetation							
View of the elderberries along the landside toe of the levee.							
ruuriey_i_20130919_617.jpg							
Levee Mile Report Line 2							

Levee Mile Report Line	2
Start Levee Mile	0.45
End Levee Mile	0.45
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Sutter Yard burned both	slopes of the levee.







Unit Cover Sheet

Fall 2013 Levee Inspection Results

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Ban	C Unit Miles
Unit No. 03 Colusa Byp	pass Left	2.28

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	03/19/2013 - 03/19/2013		10/15/2013 - 10/15/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Bryan Reniff Sutter Maintenance Yard		Bryan Reniff Sutter Maintenance Yard	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Colusa Bypass	Left	2.28	10/15/2013 10/15/2013	Bob Duffey

LMR	Levee Mile Category		ategory Item		Rati	Action/Comment	GPS Latitu	Issue No.		
No.	Start	End	Calegory	пеш	tion	Action/Comment		Start	End	Photo
1	0.56	0.56	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Sutter Yard has burned both slope.	39.237265 ° -121.983907 °	39.237265 ° -121.983907 °	
							·	DWR ID: DWR_S	ST0003_03_f _ 2013_	_13
2	0.72	0.72	Earthen Levee	Encroachments	LS	C En	TR : Tree or limb	39.237854 ° -121.980985 ° DWR ID: DWR_S	39.237854 ° -121.980985 ° 3T0003_03_s _ 2013_	
3	1.98	1.98	Earthen Levee	Vegetation	LS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.		39.244888 ° -121.965595 ° \$10003_03_s _ 2012_	Υ

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Colusa Bypass	Left	2.28	10/15/2013 10/15/2013	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.56
End Levee Mile	0.56
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Sutter Yard burned both rduffey_f_20131015_082.JPG	sides of the levee.
Levee Mile Report Line	3
Start Levee Mile	1.98
End Levee Mile	1 98

Levee Mile Report Line	3
Start Levee Mile	1.98
End Levee Mile	1.98
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of the elderherries	along the landside toe of

the levee.

rduffey_f_20130919_819.jpg





Unit Cover Sheet

Fall 2013 Levee Inspection Results

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles
Unit No. 04 Moulton Bypass	Right	0.30

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	03/20/2013 - 03/20/2013		11/19/2013 - 11/19/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Bryan Reniff Sutter Maintenance Yard		Bryan Reniff Sutter Maintenance Yard	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Moulton Bypass	Right	0.30	11/19/2013 11/19/2013	Bob Duffey

LMR	Levee	Mile	Catagory	Item	Locatio	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
No.	Start	End	Category	item	tion +	ing	Action/Comment	Start	End	Photo
1	0.02	0.02	Earthen Levee	Vegetation	WS N		V4 : Elderberries are blocking visibility and flood fight capability.		39.338141 ° -122.021852 ° T0003_04_s _ 2012	Υ
2	0.18	0.18	Earthen Levee	Vegetation			V1 : Control annual grass and weeds on the levee slopes and easements.		39.337155 ° -122.019133 ° T0003_04_f_2013_	Υ

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Moulton Bypass	Right	0.30	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.02
End Levee Mile	0.02
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of an elderberry bus	sh by the waterside toe.
rduffey f 20130919 820.ipg	

Levee Mile Report Line	2
Start Levee Mile	0.18
End Levee Mile	0.18
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of the both slopes b	ourned and dragged.

rduffey_f_20131122_196.JPG





Unit Cover Sheet

Fall 2013 Levee Inspection Results

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles
Unit No. 05 Moulton Bypass	Left	2.00

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			Α	
Date of Inspection	03/20/2013 - 03/20/2013		11/19/2013 - 11/19/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Bryan Reniff Sutter Maintenance Yard		Bryan Reniff Sutter Maintenance Yard	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Moulton Bypass	Left	2.00	11/19/2013 11/19/2013	Bob Duffey

LMR	Levee Mile		Catagani	Category Item		Rating	Action/Comment	GPS Latitud	Issue No.	
No.	Start	End	Category	пеш	_ocation	ing +	Action/Comment	Start	End	Photo
1	0.03	0.03	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	39.346912 ° -122.015686 ° DWR ID: DWR_S	39.346912 ° -122.015686 ° ^{[0003} _05_f _ 2013_	3 Y .3
2	0.77	0.77	Earthen Levee	Animal Control	LS	M Ma	A2 : Repair the levee slope damaged by livestock and prevent large animal access.	39.340822 ° -122.009453 ° DWR ID: DWR_S	39.340822 ° -122.009453 ° ^{[0003} _05_s _ 2013_	1 Y _1
3	0.77	0.77	Earthen Levee	Slope Stability	LS	M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.340822 ° -122.009452 ° DWR ID: DWR_S	39.340822 ° -122.009452 ° ^{[0003} _05_s _ 2013_	2 Y
4	0.85	0.85	Earthen Levee	Animal Control	LS	C Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.340210 ° -122.008117 ° DWR ID: DWR_S	39.340210 ° -122.008117 ° ^{[0003} _05_s _ 2012	_4
5	0.85	0.85	Earthen Levee	Animal Control	WS	A/W Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.340213 ° -122.008113 ° DWR ID: DWR_S	39.340213 ° -122.008113 ° -10003_05_s _ 2012_	5 Y _5
6	1.06	1.06	Earthen Levee	Animal Control	WS	C Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.338748 ° -122.004700 ° DWR ID: DWR_S	39.338748 ° -122.004700 °	6_6

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Moulton Bypass	Left	2.00	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	1			
Start Levee Mile	0.03			
End Levee Mile	0.03			
Location	Land Side			
Category	Earthen Levee			
Item	Vegetation			
View of the both slopes burned and dragged.				

rduffey_f_20131122_192.JPG

Levee Mile Report Line	2
Start Levee Mile	0.77
End Levee Mile	0.77
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the damage to the levee caused by the landowners livestock on both slopes.

rduffey_f_20130919_821.JPG

Levee Mile Report Line	3
Start Levee Mile	0.77
End Levee Mile	0.77
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of the repaired rodent holes and bait station along the landside slope.

rduffey_f_20130919_822.JPG







* Location

LS: Land Side

WS: Water Side

CR: Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected AW : Acceptable but Monitor & Maintain

+ Issue Type

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Moulton Bypass	Left	2.00	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	5			
Start Levee Mile	0.85			
End Levee Mile	0.85			
Location	Water Side			
Category	Earthen Levee			
Item	Animal Control			
View of the grouted rodent holes.				
rduffey_f_20131122_194.JPG				

